TRAVIS COUNTY PRE-CONSTRUCTION NOTES:
PLEASE SCHEDULE YOUR PROJECTS PRE-CONSTRUCTION MEETING USING YOUR ACCOUNT ON MYPERMITNOW.ORG AND FOLLOW-UP WITH AN EMAIL TO JOHNNY ANGLIN

LICHARY ANGLINGTRANDSCOUNTYTY.GOV

PHORT TO SCHEDULING THE PRECONSTRUCTION MEETING ENSURE THAT ALL REQUIRED NOTICES AND PERMITS ARE POSTED AND THE CERTIFIED INSPECTIOR FOR YOUR SITE HAS UPLOADED A SWPS INSPECTION REPORT TO YOUR ACCOUNT THAT CONFIRMS THAT THE PRIST PHASE OF TEMPORATY SES HAVE BEEN

INSTALLED PER PLANS AND SPECIFICATIONS.
FAILURE TO FOLLOW THE PRE-CONSTRUCTION MEETING REQUIREMENTS MAY RESULT IN WORK STOPPAGE AND ADDITIONAL PERMIT FEES.

SPECIAL PRE-CON NOTES:

- 1, PROVIDE 72 HR, MINIMUM NOTICE TO SCHEDULE THE PRE-CON MEETING.
- 2. PROVIDE A 1/2 SIZE SET OF PLANS FOR THE INSPECTOR AT THE PRE-CON.
- 3. PROVIDE AN ANTICIPATED CONSTRUCTION SCHEDULE AT THE PRE-CON ALL DEVELOPMENT SHALL BE IN ACCORDANCE WITH THE PLANS APPROVED BY TRAVIS COUNTY

TOTAL SITE AREA WITHIN LIMIT OF CONSTRUCTION (LOC): 0.67 AC TOTAL AREA OF DISTURBANCE: 0.22 AC

NOTES:

- CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS DEPARTMENT 24 HOURS PRIOR TO STARTING CONSTRUCTION OR
- CONTRACTOR SHALL CALL "ONE CALL" AT 811 FOR UTILITY LOCATIONS AT LEAST 48 HOURS PRIOR TO ANY WORK IN CITY EASEMENTS OR STREET RIGHT OF WAYS.
- THIS PROJECT IS LOCATED WITHIN THE PANTHER HOLLOW & TURKEY WATERSHED CLASSIFIED AS WATER SUPPLY RURAL, AND SHALL BE DEVELOPED, CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH CHAPTER 25 OF THE CODE OF THE CITY OF AUSTIN.
- NO PORTION OF THIS SITE IS LOCATED WITHIN PARKLAND OR LAND USED FOR PARK PURPOSES. (IF SUCH LAND IS INCLUDED, DOCUMENTATION OF PARKS AND RECREATION DEPT APPROVAL IS REQUIRED AT THE TIME OF SUBMITTAL FOR GENERAL PERMIT PROGRAM APPROVAL.)
- NO PORTION OF THIS SITE IS LOCATED WITHIN THE 100-YEAR FLOODPLAIN, PER CITY OF AUSTIN AND FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP(S) NO 48463C0430J, DATED JAN 6, 2016.
- 6. THIS PROJECT IS WITHIN THE EDWARDS AQUIFER RECHARGE ZONE AS DEFINED BY THE CITY OF AUSTIN. THIS PROJECT IS NOT WITHIN THE EDWARDS AQUIFER RECHARGE ZONE AS REGULATED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCC).
- THERE ARE NO CRITICAL ENVIRONMENTAL FEATURES WITHIN 150' OF ANY PORTION OF THIS PROJECT. A FIELD HAS / HAS NOT BEEN PERFORMED AS A PART OF THIS PROJECT. (A FIELD INVESTIGATION HAS NOT BEEN PERFORMED AS A PART OF THIS PROJECT AND IS NOT REQUIRED.)
- 8. THE STANDARD SHEETS INCLUDED IN THIS PLAN SET WERE PROVIDED BY THE GENERAL PERMIT PROGRAM OFFICE FOR USE ON GENERAL PERMIT PROJECTS. ONLY. IF ANY MODIFICATIONS TO THE SHEETS WERE MADE, THEY ARE CLEARLY INDICATED ON THE SHEET ITSELF AND IN THE COVER SHEET INDEX.
- ADDITIONAL TRENCH EIS CONTROL: TRIANGULAR SEDMENT FILTER DIKE WILL BE INSTALLED ACROSS FULL WIDTH OF TRAFFIC CLOSURE AND DOWNSTREAM OF CONSTRUCTION AREA, PERPENDICULAR TO CURB. FILTER DIKE TO FOLLOW ACTIVE CONSTRUCTION. REMOVING AND RE-SETTING FILTER DIKE IS CONSIDERED SUBSIDIARY TO BARRICADES AND TRAFFIC HANDLUS.
- 10. PROJECT SCHEDULE MUST BE APPROVED BY THE GENERAL PERMIT PROGRAM (GPP) COORDINATOR. INSTALLATION AND REMOVAL OF TEMPORARY AND PERMANENT EROSION/SEDIMENTATION CONTROLS MUST BE REFLECTED IN THE SCHEDULE, BY STATION NUMBER. GPP INSPECTOR MUST BE NOTIFIED A MINIMUM OF 48 HOURS IN ADVANCE OF TRANSITION BETWEEN PHASES.
- 11. APPROPRIATE EASEMENTS/APPROVALS MUST BE SECURED AND DOCUMENTED FOR PROJECT AREAS LOCATED OUTSIDE OF RIGHT OF WAYS. NO WORK SHALL BE PERFORMED WITHIN THESE AREAS UNTIL ASSOCIATED RIGHT OF ENTRY HAS BEEN SECURED. ADDITIONALLY. THIS PROJECT WILL DOT BE CONSIDERED COMPLETE UNTIL ALL RECORDED EASEMENT DOCUMENT NUMBERS HAVE BEEN OBTAINED AND SHOWN ON PLANS.
- 2. CONTRACTOR SHALL STAKE ALL PROPOSED SERVICE CONNECTIONS LOCATED WITHIN THE CRITICAL ROOT ZONE OF TREES I'M CALIPER AND LARGER AT LEAST 21 CALENDAR DAYS PRIOR TO CONSTRUCTION OF SUCH SERVICES. STAKING SHALL CONSIST OF A LATH WITH MALL AND PART MARKINGS, IN CASES WHERE A STAKE CANNOT SE PLACED WITHOUT DAMAGINS PROPERTY, CONTRACTOR MAY USE PAINT ONLY. ONCE STAKING IS COMPLETED, IT IS THE CONTRACTOR'S RESPONSIBILITY OF INFORM THE CITY OF AUSTINS CONSTRUCTION SINSECTOR WITHIN TWENTY-YOUR FOURS. THE CITY OF AUSTINS CONSTRUCTION INSPECTOR WITH THEN COORDINATE A FIELD REVIEW OF THE SERVICE LOCATIONS WITH THE GENERAL PERMIT PROGRAM COORDINATE AND PROPERTY OWNERS. SERVICE LOCATIONS MAY BE AUDISTED BASED ON THE REVIEW AND WILL BE RESTAKED BY THE CONTRACTOR'S TO THE CONTRACTOR'S THE CON

NOTES: ALL PERMIT PROGRAM APPROVAL DOES NOT CONSTITUTE UTILITY A IGNMENTAGGICAMENT APPROVAL. GENERAL PERMIT PROGRAM APPROVAL CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT THE RENORMER OF RECORD IS SOLELY REPOSSIBLE FOR THE COMPLETENESS, ACCURACY, AND ADEQUACY OF HISMER SUBMITTAL, WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY PROMISEERS.

GENERAL PERMIT PROGRAM CORRECTIONS RECORD

FOR USE BY GENERAL PERMIT OFFICE ONLY

TRAVIS COUNTY CORRECTIONS

NO	DESCRIPTION	BY	CORRECT (C) ADD (D) VOID (V) SHEET NO.'s	TOTAL # SHEETS IN CORRE- CTION PLAN SET	GENERAL PERMIT PROGRAM APPROVAL	APPROVAL DATE	TRAVIS COUNTY APPROVAL	APPROVAL DATE
C1	REDUCE SCOPE OF WORK, REVISE CONSTRUCTION SEQUENCE & PHASES, AND REMOVE "NOT USED" SHEETS	TC	(C) 1, 4, 4A, 8, 9, 9A, 9B, 12-19, 26, 27-34 (Replacement) 2, 46 (V) 41, 43-45, 96-57 SEE SHEET 2	27	fr-	5/6/19	Juste	5/24/19
C2	CHANGE PROJECT NAME & REVISE NOTES TO ORIGINAL SCOPE OF WORK	TC	(R) 2, 4-5,7, 9-12,15-22, 26, 29-39,45-46, 51.	31				

CITY OF AUSTIN, TEXAS AUSTIN WATER



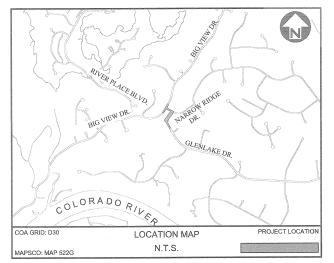
GLENLAKE PUMP STATION BYBASS IMPROVEMENTS

FDU 3920 2207 6584

SUB PROJECT ID: 2006.024 WATER ID NO. W-2018- 0013 CLMC787

GENERAL PERMIT PROGRAM APPROVAL DOES NOT CONSTITUTE UTILITY ALIGNMENT/ASSIGNMENT APPROVAL

RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS. ACCURACY AND ADEQUACY OF HIS/HER SUBMITAL, WHETHER OR NOT THE APPLICATION IS REVIEWD FOR CODE COMPLIANCE BY CITY ENGINEERS.



LOCATION	MIN.	TYP.	MAX.
GLENLAKE (GL2)- 8" AC WL	62.77 PSI	67.10 PSI	71.43 PS
GLENLAKE (GL2)- 4" PVC WL	63.20 PSI	67.53 PSI	71.86 PS

UCC-161103-06-01 AULCC NUMBER

PROJECT INFORMATION:

STREET ADDRESS:

CLIENT/SPONSOR CITY OF AUSTIN AUSTIN WATER

PROJECT MANAGEMENTS PROJECT MANAGEMENT: CITY OF AUSTIN PUBLIC WORKS DEPARTMENT PROJECT MANAGEMENT DIVISION 505 BARTON SPRINGS RD., STE. 900 AUSTIN, TEXAS 78704

TIGER DAVIS, P.E. PHONE: (512) 972-2205 EMAIL: TIGER DAVIS@a

MICHEAL SINGLETON, P.E. EMAIL: MICHEAL.SINGLETON@austintexas.go

SUBMITTAL PREPARED BY



Engineering Services DIVISION

(ESD)

CONTACT

EMAIL: THU.CAO@au:

APPROVED BY GENERAL PERMIT HOLDER:

REVIEWED BY

(NUMBER)

04-03-2418 DATE 04-03-2018 4/3/2018

18-18786

9/17/18

TRAVIS COUNTY PERMIT NUMBER

APPROVAL FOR SITE DEVELOPMENT PERMIT

GENERAL PERMIT PROGRAM COORDINATOR PLANNING AND DEVELOPMENT REVIEW DEPARTMENT DATE

GP- 2018 -0077-AWU DEVELOPMENT PERMIT NUMBER

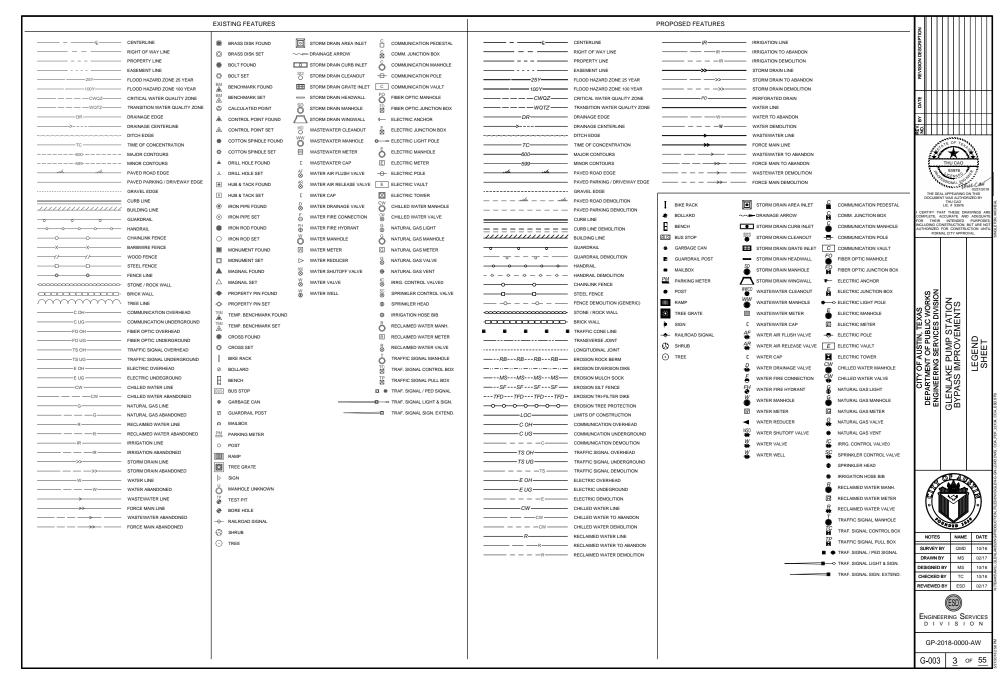
4/06/18 SUBMITTAL DATE:

Inspection Notice:
Please contact Public Works, Construction Inspection
Division at 474-1549, for arrangements for payment of
inspection fees and job assignment for inspection of the
public utilities related to this site. Inspection fees must
be paid before any pre-construction meeting can be not

G-001 1 OF 55

APR 03 2020

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GENERAL CONSTRUCTION NOTES:

- THE PROJECT MANUAL CONTAINS IMPORTANT INFORMATION THAT IS NOT REPEATED. IN THE PLAN SET. THE CONTRACTOR SHALL KEEP THE PROJECT MANUAL ON SITE AND IMMEDIATELY AVAILABLE TO THOSE PERSONS PERFORMING THE WORK. UPON REQUEST, THE CONTRACTOR SHALL PRESENT THIS COPY OF THE PROJECT MANUAL TO THE CONTRACTOR SHALL PRESENT THIS COPY OF THE PROJECT MANUAL TO THE CONSTRUCTION INSPECTOR, ENGINEER OR PROJECT MANAGER.
- THE CONTRACTOR WILL NOTIFY THE OWNER'S REPRESENTATIVE FORTY-EIGHT (48) URS IN ADVANCE OF BEGINNING ANY CONSTRUCTION IN THE RIGHT OF WAY OR
- CONTRACTOR AND SUB-CONTRACTORS MUST BE LICENSED BY THE CITY OF AUSTIN FOR CONDUCTING WORK WITHIN THE STREET RIGHT OF WAY, ALLEYS, OR EASEMENTS
- 4. CONTRACTOR MUST OBTAIN RIGHT OF WAY EXCAVATION PERMITS, FOR EACH PROJECT LOCATION, FROM ROW MANAGEMENT DIVISION (512-974-7180) PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR SHALL PROVIDE A ONE CALL CENTER CONFIRMATION NUMBER BEFORE BEING ISSUED AN EXCAVATION PERMIT. "ONE CALL" PHONE NUMBER: 811.
- 5. PRE-CONSTRUCTION MEETINGS: THERE ARE TWO ENTITIES THAT HOLD PRE-CONSTRUCTION MEETINGS. THESE MEETINGS TYPICALLY DO NOT OCCUR AT THE SAME TIME. FOR PRE-CONSTRUCTION MEETING HELD BY CONSTRUCTION INSPECTION DIVISION. SEE PROJECT MANUAL SECTION 01200; FOR ENVIRONMENTAL PRE-CONSTRUCTION MEETING, SEE ENVIRONMENTAL NOTES.
- THE CONTRACTOR SHALL NOTIFY EACH OF THE FOLLOWING ENTITIES OF THE CONSTRUCTION SCHEDULE AT LEAST TWO WEEKS IN ADVANCE OF PROPOSED CONSTRUCTION OPERATIONS AND PROVIDE PERTINENT INFORMATION ABOUT LANE

AUSTIN FIRE DEPARTMENT	. 512-974-0130
AUSTIN POLICE DEPARTMENT	. 512-974-5000
EMERGENCY MEDICAL SERVICES	. 512-978-0440
AUSTIN INDEPENDENT SCHOOL DISTRICT	512-414-9832
CAPITAL METRO TRANSIT AUTHORITY	. 512-389-7400
U.S. POSTAL SERVICE	.512-342-1236
UNIVERSITY OF TEXAS	
(Facilities Services)	
(Parking and Trans)	. 512-471-7275
(Utilities and Energy Mgmt)	.512-471-1600
(University Police)	
(Project Mgmt & Const. Svcs)	. 512-471-3042
STATE OF TEXAS	
DPS TEXAS HWY PATROL (Region 7 Austin Capitol)	512-463-347

- THE INFORMATION SHOWN ON THESE DRAWINGS INDICATING TYPE AND LOCATION OF SURFACE, SUBSURFACE, AND AERIAL UTILITIES IS NOT GUARANTEED TO BE EXACT OR COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT TYPE AND LOCATION OF ALL UTILITIES AFFECTED BY THE CONSTRUCTION IN ORDER TO AVOID DAMAGING THOSE UTILITIES.
- 8. THE CONTRACTOR SHALL COORDINATE WITH OTHER CONTRACTORS AND UTILITIES IN THE VICANITY OF THE PROLECT. THIS INCLUDES, BUT IS NOT LIMITED TO, GAS, WATER, THE VICANITY OF THE PROPERTY OF THE VICANITY OF THE
- REPRESENTATIVE IMMEDIATELY, BUT NO LATER THAN TWENTY-FOUR (24) HOURS AFTER
- SHOULD THE CONTRACTOR DAMAGE A UTILITY DURING THE COURSE OF THE WORK. THE CONTRACTOR SHALL IMMEDIATELY ARRANGE FOR REPAIR AND RESTORATION OF THE DAMAGED UTILITY. THE EXPENSE FOR THESE REPAIRS WILL BE AT THE CONTRACTOR'S
- 10. ALL EXISTING STRUCTURES, FACILITIES, AND UTILITIES DAMAGED BY CONSTRUCTION SHALL BE REMOVED AND RESTORED WITH MATERIALS EQUAL TO OR BETTER THAN THE ORIGINAL. AND TO CONDITIONS EQUAL TO OR BETTER THAN THE ORIGINAL. UNLESS OTHERWISE NOTED IN THE PLANS, THIS WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT SHALL BE AT THE CONTRACTOR'S SOLE
- 11. SLOPES OF ROADWAY CUTS AND EMBANKMENTS DAMAGED BY ANY OPERATION OF THE CONTRACTOR DURING THE EXECUTION OF THIS PROJECT SHALL BE REPAIRED AND RESTORED TO THE ORIGINAL PRE-CONSTRUCTION CONDITION. BACKFILL AND FILL PLACED DURING REMEDIAL GRADING SHALL BE COMPACTED TO AT LEAST 95% COMPACTION AND TO THE SATISFACTION OF THE ENGINEER AND GOVERNING AUTHORITIES.
- 12. GEOTECHNICAL INFORMATION IS PROVIDED IN THE PROJECT MANUAL SECTION 00220
- 13. SEE PROJECT MANUAL SECTION 01300 FOR RECORD DRAWINGS INFORMATION

AUSTIN WATER GENERAL CONSTRUCTION NOTES (CIP) (06/07/2016):

- CONTRACTOR MUST OBTAIN A STREET CUT PERMIT FROM AUSTIN TRANSPORTATION PARTMENT, RIGHT OF WAY MANAGEMENT DIVISION BEFORE BEGINNING CONSTRUCTION WITHIN THE RIGHT-OF-WAY OF A PUBLIC STREET OR ALLEY.
- AT LEAST 48 HOURS BEFORE BEGINNING ANY WATER AND WASTEWATER CONSTRUCTION IN PUBLIC R.O.W. OR PUBLIC EASEMENT, THE CONTRACTOR SHALL NOTIFY AUSTIN TRANSPORTATION DEPARTMENT INSPECTION OR WATER AND WASTEWATER UTILITY TAPS INSPECTION AT THE NUMBER INDICATED ON THE PLANS BY THE AW PLAN REVIEWER.
- THE CONTRACTOR SHALL CONTACT THE AUSTIN AREA "ONE CALL" SYSTEM AT 3. THE CONTRACTOR SHALL CONTACT THE AUSTIN AREA "ONE CALL" SYSTEM AT 18-00-344-537 FOR EUSTING DITUTY LOCATIONS PRIOR TO ANY EXCAUNTION IN ADVANCE OF CONSTRUCTION. THE CONTRACTOR SHALL VERIEY THE LOCATIONS OF ALL UTILITIES TO BE EXTENDED. THED TO, OR ALTERED, OR SUBJECT TO DAMAGE 'INCONVENIENCE BY THE CONSTRUCTION OPERATIONS. THE CITY OF AUSTIN WATER AND WASTEWATER MAINTENANCE RESPONSIBILITY BOOS AT ROW, VEASEMENT LINES.
- NO OTHER UTILITY SERVICE / APPURTENANCES SHALL BE PLACED NEAR THE PROPERTY LINE, OR OTHER ASSIGNED LOCATION DESIGNATED FOR WATER AND WASTEWATER UTILITY SERVICE THAT WOULD INTERFERE WITH THE WATER AND WASTEWATER SERVICES.
- THE CITY SPECIFICATION ITEM 509S WILL BE REQUIRED AS A MINIMUM TRENCH SAFETY
- 6. PRESSURE TAPS SHALL BE IN ACCORDANCE WITH CITY STANDARD SPECIFICATION ITEM S10.2(2). THE CONTRACTOR SHALL PERFORM EXCAVATION ETC., AND SHALL PIRNISH, INSTALL AND ART INTEST THE SLEEP MAD VALVE. WHEN CONTRACTIONS MARE THE TAP A CITY INSPECTOR MIST BE PRESENT AND 2 WORKING DAYS MIN! NOTICE MIST BE GIVEN. SIZE ON SIZE: TAPS MILL NOT BE PERMITTED. LINESS, IT HAS BEEN BEINONSTRATED THAT A COURT OF THE STANDARD ST CIRCLE-GASKETED CAST IRON OR DUCTILE IRON TAPPING SLEEVE. CONCRETE BLOCKING SHALL BE PLACED UNDER ALL TAP SLEEVES PRIOR TO MAKING THE PRESSURE TAP AND THE USE OF PRECAST BLOCKS MAY BE USED TO HOLD THE TAP IN ITS CORRECT POSITION PRIOR TO BLOCKING. THE BLOCKING BEHIND AND UNDER THE TAP SHALL HAVE A MINIMUM OF 24 HOURS CURING TIME BEFORE THE VALVE CAN BE RE-OPENED FOR SERVICE FROM THAT TAP.
- THRUST RESTRAINT SHALL BE IN ACCORDANCE WITH CITY STANDARD SPECIFICATION
- 8. ALL BRANCH CONNECTIONS SHALL HAVE THE VALVE BOLTED TO THE MAIN BY METHODS OF FLANGE OR SWIVEL TEES. FOSTER ADAPTORS MAY BE USED IN LIEU OF FLANGE OR SWIVEL TEES WHEN CALLED OUT ON THE PLANS BY THE DESIGN ENGINEER.
- 9. A). FIRE HYDRANTS SHALL BE SET IN ACCORDANCE WITH CITY STANDARD SPECIFICATION ITEM 511S.4 B). FIRE HYDRANTS SHALL BE PAINTED FLYNT ALUMINUM OR
- 10. WATER LINE TESTING AND STERILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH CITY STANDARD SPECIFICATION ITEMS 510.3 (27)-(29). FORCE MAIN PRESSURE TESTING SHALL BE CONDUCTED AND FALL UNDER THE SPECIFICATIONS AS WATER LINES (PRESSURE
- 11 ALL MATERIAL LISED ON THIS PROJECT MUST BE LISTED ON THE STANDARD PRODUCTS LISTING, ANY MATERIAL NOT LISTED HAS TO GO THROUGH THE REVIEW OF THE STANDARDS COMMITTEE FOR REVIEW AND APPROVAL PRIOR TO START OF PROJECT. TESTING AND EVALUATION OF PRODUCTS ARE REQUIRED BEFORE APPROVAL WILL BE GIVEN ANY CONSIDERATION.
- 12. WHEN WATER SERVICES ARE DAMAGED AND THE SERVICE MATERIAL IS PE, THE LINE SHALL BE REPAIRED ONLY BY HEAT FUSION WELD OR REPLACED THE FULL LENGTH WITH TYPE K COPPER MATERIAL. ANY TIME PE IS DAMAGED OR TAMPERED WITH IN ANY WAY, THE SERVICE LINE SHALL BE REPLACED FULL LENGTH WITH TYPE K COPPER MATERIAL. NOTE: FULL LENGTH SEROM CORPORATION STOP TO META.
- 13. WHEN AN EXISTING WATERLINE SHUT OUT IS NECESSARY AND POSSIBLE, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTOR WHO WILL THEN NOTIFY THE AUSTIN WATER DISPATCH AND THE AFFECTED CUSTOMERS A MINIMUM OF SEVENTY-TWO (72) HOURS IN ADVANCE.
- 14. THE CONTRACTOR SHALL WOTH'S THE CONSTRUCTION INSECTIOR SO THAT HE CAN MOTH'S THE AUSTIN WHERE AT STOOD AT A MIRMAN OF 21 HOURS PROPER TO BELOCATION OF THE CAN THE CONTRACTOR SHALL CAREFULLY REMOVE ALL METERS AND METERS DOES THAT ARE RINOCATED TO BE RELOCATED OR SALVAGED. THE CONTRACTOR SHALL INSTALL THE REMOVED METER OR CITY PROVIDED METER AT THE NEW LOCATION INDICATE ON THE CONSTRUCTION PLANS.
- 15. ALL MANHOLES IN UNPAYED AREAS PROVIDING DIRECT ACCESS TO A WASTEWATER LINE SHALL BE WATERTIGHT AND BEAR THE WORDING AND INSIGNIA FOR THE CITY OF
- THE CONTRACTOR SHALL VERIFY ALL VERTICAL AND HORIZONTAL LOCATIONS OF EXISTING UTILITIES PRIOR TO STARTING ON-SITE UTILITY WORK.
- 17. ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. APPROVAL OF THESE PLANS BY THE CITY OF AUSTIN DOES NOT REMOVE THESE RESPONSIBILITIES.
- 18. REVIEW BY THE AUSTIN WATER APPLIES ONLY TO FACILITIES WITHIN PUBLIC STREETS OR PUBLIC UTILITY EASEMENTS. ALL OTHER WATER AND WASTEWATER FACILITIES INSIDE PRIVATE PROPERTY ARE UNDER THE JURISDICTION OF BUILDING INSPECTION.
- 19. ALL WATER AND WASTEWATER MAINS SHALL BE INSTALLED IN ACCORDANCE WITH THE SEPARATION DISTANCES INDICATED IN CHAPTER 290 DRINKING WATER STANDARDS, AND CHAPTER 217 DESIGN CRITERIA FOR SEWERAGE SYSTEMS, OF TCCE ORLIES.
- 20. CONTRACTOR'S PERSONNEL THAT PERFORM BUTT FUSION AND ELECTRO-FUSION ON OR TO HOPE PIPE AND FITTINGS MUST HAVE CURRENT QUALIFICATION TRAINING CERTIFICATE ISSUED BY MCELROY OR COMPARABLE TRAINING PROGRAM.
- 21 SHOP DRAWINGS SHALL BE SLIBMITTED FOR AW APPROVAL FOR LARGE DIAMETER 21. SHOP DRAWINGS SHALL BE SUBMITTED FOR AW APPROVAL FOR DAYGE DIMMETER PRE-CAST MANHOLES, JUNCTION BOXES, WET WELLS, AND SIMILAR STRUCTURES. THE SHOP DRAWINGS SHALL INCLUDE FLOWLINE ELEVATIONS OF ALL INCOMING AND OUTGOING PIPES ELEVATION OF TRANSITION FROM LARGE DIAMETER SECTIONS TO 48" ID SECTION. TOP OF MANHOLE ELEVATION, SURROUNDING GROUND ELEVATION, AS WELL AS SPECIAL CONSTRUCTION CONSIDERATIONS THAT ARE SPECIFIED IN THE CONTRACT DRAWINGS.
- 22. VALVE STEM EXTENSIONS SHALL CONSIST OF A SINGLE PIECE OF IRON ROD OF THE REQUIRED LENGTH WITH A SOCKET ON ONE END AND NUT ON THE OTHER
- 23. ASBESTOS CONCRETE PIPE (AC PIPE) HAS BEEN INSTALLED IN THE PAST AS PART OF AUSTIN WATERS WATER DISTRIBUTION AND WASTEWATER COLLECTION SYSTEMS. AUSTIN WATERS WATERSTUCTURE INCLUDES AC PIPE THAT IS CURRENTY IN SERVICE AS WELL AS AC PIPE THAT HAS BEEN ABANDONED AND IS NO LONGER IN SERVICE. RECORD INFORMATION MAY NOT BE COMPITED IN YOUR PROJECT AREA CONTRACTORS AND SUBCONTRACTORS MUST BE ALERT TO THE PRESENCE AC PIPE AND BE KNOWLEDGEABLE OF HOW TO IDENTIFY IT. DISTURBANCE, REMOVAL OR CUTTING OF ASBESTOS CONTAINING

PIPE IS TO BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF TEXAS ADMINISTRATIVE CODE 25, SECTION 15, ARTICLE 4477-3A AND 29 CFR 1926-1101. REFERENCE STANDARD SPECIFICATION SECTION 19901. CONTACT THE CITY OF AUSTIN ASBESTOS ANAGER AT 512-974-7154 THIRTY (30) DAYS PRIOR TO THE PLANNED DISTURBANCE OF THE AC PIPE. ONLY LICENSED PERSONNEL ARE PERMITTED TO DISTURB. REMOVE, TRANSPORT AND DISPOSE OF AC PIPE.

24 ALL POTABLE WATER SYSTEM COMPONENTS INSTALLED AFTER JANUARY 4, 2015. GHALL BE ESSENTIALLY '14.00 FREE' ACCOPINGN TO 1 HE US SAFE DRANNON WATER ACT EXAMPLES ARE VALVES (CORPORATION STOP, CURB STOP, AND PRESSURE REDUCING), MOPILES, BUSHMOSS, PIPE, FITTINGS, BOACHCAV PREVENTIES AND FIRE HYDRATTS. CAST PROPERLY FOR THE STOP AND PRESSURE REDUCING, MOPILES, BUSHMOSS, PIPE, FITTINGS, BOACHCAV PREVENTIES AND FIRE HYDRATTS. CAST FROM THIS REQUIREMENT, COMPONENTS THAT ARE NOT CLEARLY IDENTIFIED BY THE MANUFACTURES AS MEETING THAT REQUIREMENT EITHER BY MARKINGS ON THE COMPONENT OR ON THE PACKAGING SHALL NOT BE INSTALLED.

AUSTIN WATER SPECIAL NOTE:

TEST SHUTOUT PRIOR TO COMPLETING DESIGN.

STREET AND BRIDGE SPECIAL NOTE:

ALL DAMAGE CAUSED DIRECTLY OR INDIRECTLY TO THE STREET SURFACE, SIDEWALK DRIVEWAY, CURB & GUTTER, OR SUBSURFACE OUTSIDE OF THE PAVEMENT CUT AREA SHALL BE REGARDED AS A PART OF THE STREET CUT REPAIR. THIS INCLUDES ANY SCRAPES, GOUGES, CUTS, CRACKING, DEPRESSIONS, AND/OR ANY OTHER DAMAGE CAUSED BY THE CONTRACTOR DURING THE EXECUTION OF THE WORK. THESE REPAIR AREAS WILL BE INCLUDED IN THE TOTAL AREA OF RESTORATION. THESE AREAS SHALL BE SAW CUT IN STRAIGHT, NEAT LINES PARALLEL TO THE EXCAVATION OR UTILITY TRENCH AND TO THE NEXT EXISTING JOINT FOR SIDEWALKS AND CURB & GUTTER. ALL SUCH REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE AND SHALL MEET ALL CITY TESTING REQUIREMENTS STANDARDS, AND SPECIFICATIONS.

SEQUENCE OF CONSTRUCTION

- 1. SEE REMEDIAL TREE CARE NOTE (ECM P-6)
- 2 HOLD PRE-CONSTRUCTION CONFERENCE
- TEMPORARY EROSION AND SEDIMENTATION CONTROLS ARE TO BE INSTALLED AS INDICATED ON THE APPROVED SITE PLAN OR SUBDIVISION CONSTRUCTION PLAN AND IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) THAT IS REQUIRED TO BE POSTED ON THE SITE. INSTALL TREE PROTECTION AND INITIATE TREE
- 4. THE ENVIRONMENTAL PROJECT MANAGER OR SITE SUPERVISOR MUST CONTACT THE WATERSHED PROTECTION DEPARTMENT, ENVIRONMENTAL INSPECTION, AT 512-974-2278, 72 HOUSE PRIOR TO THE SCHEDULED DATE OF THE REQUIRED ON-SITE PRECONSTRUCTION MEETING.
- 5. THE ENVIRONMENTAL PROJECT MANAGER, AND/OR SITE SUPERVISOR, AND/OR DESIGNATED RESPONSIBLE PARTY, AND THE GENERAL CONTRACTOR WILL FOLLOW THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) POSTED ON THE SITE. TEMPORARY EROSION AND SEDIMENTATION CONTROLS WILL BE REVISED, IF NEEDED, TO COMPLY WITH CITY INSPECTORS' DIRECTIVES, AND REVISED CONSTRUCTION SCHEDULE RELATIVE TO THE WATER QUALITY PLAN REQUIREMENTS AND THE EROSION PLAN.
- 6. TEMPORARY EROSION AND SEDIMENTATION CONTROLS WILL BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH EROSION/ SEDIMENTATION CONTROLS PLANS
- 7. BEGIN SITE CLEARING/CONSTRUCTION (OR DEMOLITION) ACTIVITIES
- REGIN WITH SHIT-OUT TEST
- a BEGIN WITH SHUT-OUT TEST
 b. REMOVET RANK 2 AND APPURTENANCES (LARGE TANK), TANK #1 IS STILL OPERATING
 c. INSTALL 12" DI WL-C (COMPLETE IN PLACE), & WL-A FROM STA. 0-40 TO STA.8-9-1.12 AT 8"
 GWR05500, AND INSTALL 4" GWR0500 AT STALL 4"
 d. INSTALL 12" DI WET AVAILT AND PRV VAULT, WL-A STA. 8-69 92 TO STA. 9-00.26
 e. REMOVET HE PART OF ALTITUDE VALVE VAULT HAT INTERFERES WITH 8" WL-A FROM
 STA. 9-44.00 TO STA. 9-54.00
 INSTALL 6" DIWL-A FROM STA. 9-10.26 TO STA.10-10.87
 g. INSTALL 8" DIWL-A FROM STA. 9-10.26 TO STA.10-10.87
 INSTALL 8" DIWL-A FROM STA. 9-10.26 TO STA.10-10.87

- TIE-IN 8" WA TO EXISTING 8" AC WL. TIE IN 4" WL-B TO EXISTING 4" PVC WL.
 REMOVE EXISTING 8" AC PIPE AT THE PUMP STATION (ACCORDING TO SS1900 AC
- REMOVAL)

- NISTALL PRESSURE POINT:
 HISTALL UTILITY ELECTRICAL METER RACK FOOTING, RTU CABINET PAD, AND
 ANTENNA POLE FOUNDATION.
 RELOCATE UTILITY ELECTRICAL METER TO PROPOSED LOCATION.
 BISTALL RTU CABINET AND ANTENNA
 BISTALL UCIT EANK TO CONNECT PRY AND FLOW METER TO RTU CABINET & ANTENA.
- a. REMOVE EXISTING 8* AC PIPE IN GLENLAKE DRIVE (ACCORDING TO SS1900 AC REMOVAL)
- TORATION & REPAVING STREET
- 8. UPON COMPLETION OF THE SITE CONSTRUCTION AND REVEGETATION OF A PROJECT O. UPON COMMETION OF THE SITE CONSTRUCTION AND REVEGETATION OF A PROLECT SITE. THE DESIGN ENSINEER SHALL SUBMIT AN ENSINEERS LETTER OF CONCURRENCE TO THE WATERSHED PROTECTION AND DEVELOPMENT REVIEW DEPARTMENT INDICATING THAT CONSTRUCTION, INCLUDING REVEGETATION, IS COMPLETE AND IN SUBSTANTIAL CONFORMITY WITH THE APPROVED PLANS. AFTER RECEIVING THIS LETTER, A FINAL INSPECTION WILL BE SCHEDULED BY THE APPROPRIATE CITY INSPECTION.
- 9. UPON COMPLETION OF LANDSCAPE INSTALLATION OF A PROJECT SITE, THE LANDSCAPE ARCHITECT SHALL SUBMIT A LETTER OF CONCURRENCE TO THE WATERSHED PROTECTION AND DEVELOPMENT REVIEW DEPARTMENT INDICATING THAT THE REQUIRED LANDSCAPING IS COMPLETE AND IN SUBSTANTIAL CONFORMITY WITH THE APPROVED PLANS. AFTER RECEIVING THIS LETTER, A FINAL INSPECTION WILL BE SCHEDULED BY THE APPROPRIATE CITY INSPECTOR
- 10. AFTER A FINAL INSPECTION HAS BEEN CONDUCTED BY THE CITY INSPECTOR AND WITH 10. AFTER A FIRML INSPECTION FINS SEED CONDUCTED BY THE UTIT INSPECTOR RANGO WITH ANY PROVAL FROM THE CITY INSPECTOR, REMOVE THE TEMPORARY EROSION AND SEDMENTATION CONTROLS AND COMPLETE ANY NECESSARY FINAL REVEGETATION RESULTING FROM REMOVAL OF THE CONTROLS. CONDUCT ANY MAINTENANCE AND REHABILITATION OF THE WATER QUALITY PONDS OR CONTROLS.
- 11. COMPLETE PERMANENT EROSION CONTROL AND SITE RESTORATION. REMOVE TEMPORARY EROSION/SEDIMENTATION CONTROLS AND TREE PROTECTION. RESTORE ANY AREAS DISTURBED DURING REMOVAL OF EROSION/SEDIMENTATION CONTROLS



REVILEWEN

February 20, 2020

EXCEPTIONS TABLE

NOTE #	EXPLANATION OF EXCEPTION

20

9 2 8



THU CAO LIC. # 93976

NOTE: GLENLAKE PUMP STATION BYPASS IMPROVEMENTS CONSTRUCTION AUSTIN, TEX T OF PUBLIC \ S SERVICES D CITY OF A PARTMENT GENERAL

NOTES NAME DATE 10/16 SHIPVEY BY QMD DRAWN BY MS 02/17 DESIGNED BY MS 10/16 TC HECKED BY 10/16 REVIEWED BY ESD 02/17



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- I. EACH DRIVEWAY MUST BE CONSTRUCTED IN ACCORDANCE WITH TRAVIS COUNTY CODE SECTION 482.302(G), AND EACH DRAINAGE STRUCTURE OR SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF A USTIN DRAINAGE CRITERIA MANUAL, UNLESS OTHER SEGISIO CRITERIA ARE APPROVED BY TRAVIS COUNTY.
- 2. BEFORE BEGINNING ANY CONSTRUCTION, THE OWNER MUST OBTAIN A TRAVIS COUNTY DEVELOPMENT PERMIT AND POST THE DEVELOPMENT PERMIT, THE TCEQ SITE NOTICE, AND ANY OTHER REQUIRED PERMITS AT THE JOB SITE.
- 3. CONSTRUCTION MAY NOT TAKE PLACE WITHIN TRAVIS COUNTY RIGHT-OF-WAY UNTIL AFTER THE OWNER HAS SUBMITTED A TRAFFIC CONTROL PLAN TO TRAVIS COUNTY AND OBTAINED WRITTEN APPROVAL OF THE TRAFFIC CONTROL PLAN FROM TRAVIS COUNTY.
- 4. THE CONTRACTOR AND PRIMARY OPERATOR SHALL FOLLOW THE SEQUENCE OF CONSTRUCTION AND THE SMP3 IN THESE APPROVED PLANS. THE CONTRACTOR AND PRIMARY OPERATOR SHALL REQUEST TRANS COUNTY INSPECTION AT SPECIFIC MILESTONES IN THE SEQUENCE OF THE CONSTRUCTION OF THE SITE DEVELOPMENT CORRESPONDING TO THE PRIORITY INSPECTIONS SPECIFIED IN CONSTRUCTION SEQUENCING NOTES IN THESE APPROVED PLANS. DEVELOPMENT OUTSIDE THE LIMITS OF CONSTRUCTION SPECIFIED IN THE APPROVED PERMIT AND CONSTRUCTION PLANS IS PROHIBITED.
- 5. BEFORE BEGINNING ANY CONSTRUCTION, ALL STORM WATER POLLUTION PREVENTION 3. BEAN (SWES) REQUIREMENTS SHALL BE MET, AND THE PREST PHASE OF THE TEMPORARY PLAN (SWES) REQUIREMENTS SHALL BE MET, AND THE PREST PHASE OF THE TEMPORARY PLAN (SWES) PLAN INSTALLED WITH A SUBJECTION REPORT PLAN (BEAUTY OF THE PREST PHASE OF THE TEMPORARY OF THE PREST PHASE OF THE PREST PHASE OF THE PREST PHASE OF THE PREST PHASE AND PRIMARY OF THE PREST PHASE OF THE PREST PHASE AND PRIMARY OF THE PREST PHASE OF THE PREST PHASE
- 6 REFORE STARTING CONSTRUCTION, THE OWNER OR CONTRACTOR OR THEIR DESIGNATED RESENTATIVES SHALL SUBMIT A REQUEST VIA THE MYPERMITNOW.ORG CUSTOMER REPRESENTATIVES SMALL SUBMIT A REQUEST VIATHE METPERMITHOW/ORG COSTOMERY PORTAL FOR TRAVIS COUNTY TO REQUEST AND SCHEDULE A MANDATORY PRECONSTRUCTION CONFERENCE AND ESC INSPECTION. IF FURTHER ASSISTANCE IS NEEDED, THE THR PLANNING AND ENGINEERING DIVISION STAFF OR THIS STORM WATER MANAGEMENT PROGRAM STAFF. CAN BE CONTACTED BY TELEPHONE AT 512-854-9383.
- 7. THE CONTRACTOR SHALL KEEP TRAVIS COUNTY THR ASSIGNED INSPECTION STAFF CURRENT ON THE STATUS OF SITE DEVELOPMENT AND UTILITY CONSTRUCTION. THE CONTRACTOR SHALL MOTHET YRANGE COUNTRY AND REQUEST PROBLEMY RESPECTIONS ON WITH THE SPECIFIC MILESTONES IN THE CONSTRUCTION SEQUENCING NOTES IN THESE APPROVED FLAN.

8. CONTOUR DATA SOURCE: SURVEY FILE (BY PROFESSIONAL SURVEYOR)

9. FILL MATERIAL MUST BE MANAGED AND DISPOSED OF IN ACCORDANCE WITH ALL REQUIREMENTS SPECIFIED IN THE APPROVED PLANS. SWP3. AND THE TRAVIS COUNTY CODE. THE CONTRACTOR SHALL STOCKINE FILL AND CONSTRUCTION MATERIALS ONLY IN THE AREAS DESIGNATED ON THE APPROVED PLANS AND NOT WITHIN THE 100-YEAR FLOOD PLAN. WATERWAY SETANCE, CRITICAL SWINGOMENTIAL FEATURE STEBACK, OR OUTSIDE THE LIMITS OF CONSTRUCTION. DISPOSAL OF SOLD WASTE MATERIALS, AS DEFINED BY STATE LAW (E.G., LITTER, THES, DECOMPOSALE WASTES, ETC.) IS PROHIBETED IN PERMANENT FILL SITES.

10 REFORE DISPOSING ANY EXCESS FILL MATERIAL OFF-SITE THE CONTRACTOR OR DRIMARY PERATOR MUST PROVIDE THE COUNTY INSPECTOR DOCUMENTATION THAT DEMONSTRATES THAT ALL REQUIRED PERMITS FOR THE PROPOSED DISPOSAL SITE LOCATION, INCLUDING TRAVIS COUNTY, TCEQ NOTICE, AND OTHER APPLICABLE DEVELOPMENT PER OBTAINED, THE OWNER OR PRIMARY OPERATOR MUST REVISE THE SWP3 AND ESC PLAN IF ANDLING OR PLACEMENT OF EXCESS FILL ON THE CONSTRUCTION SITE IS REVISED FROM THE EXISTING SWP3. IF THE FILL DISPOSAL LOCATION IS OUTSIDE TRAVIS COUNTY OR DOES NOT REQUIRE A DEVELOPMENT PERMIT. THE CONTRACTOR OR PRIMARY OPERATOR MUST PROVIDE THE COUNTY INSPECTOR THE SITE ADDRESS, CONTACT INFORMATION FOR THE PROPERTY OWNER OF THE FILL

- 11. THE DESIGN ENGINEER IS RESPONSIBLE FOR THE ADEQUACY OF THE CONSTRUCTION PLANS, IN REVIEWING THE CONSTRUCTION PLANS, TRAVIS COUNTY WILL RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.
- 12 IN THE EVENT OF ANY CONFLICTS RETWEEN THE CONTENT IN THE SWP3 SITE NOTEROOK AND THE CONTENT IN THE CONSTRUCTION PLANS APPROVED BY TRAVIS COUNTY, THE CONSTRUCTION PLANS SHALL TAKE PRECEDENCE.
- 13. A MINIMUM OF TWO SURVEY BENCHMARKS SHALL BE SET, INCLUDING DESCRIPTION, LOCATION, AND ELEVATION; THE BENCHMARKS SHOULD BE TIED TO A TRAVIS COUNTY CONTROL BENCHMARK WHEN POSSIBLE.
- 14. ANY EXISTING PAVEMENT, CURBS, SIDEWALKS, OR DRAINAGE STRUCTURES WITHIN COUNTY RIGHT-OF-WAY WHICH ARE DAMAGED, REMOVED, OR SILTED, WILL BE REPAIRED BY THE CONTRACTOR AT OWNER OR CONTRACTOR'S EXPENSE BEFORE APPROVAL AND CCEPTANCE OF THE CONSTRUCTION BY TRAVIS COUNTY
- 15. CALL THE TEXAS EXCAVATION SAFETY SYSTEM AT 8-1-1 AT LEAST 2 BUSINESS DAYS BEFORE BEGINNING EXCAVATION ACTIVITIES.
- 16. ALL STORM SEWER PIPES SHALL BE CLASS III RCP, UNLESS OTHERWISE NOTED.
- 17. CONTRACTOR IS REQUIRED TO OBTAIN A UTILITY INSTALLATION PERMIT IN ACCORDANCE WITH TRAVIS COUNTY CODE SECTION 482.901(A)(3) BEFORE ANY CONSTRUCTION OF UTILITIES WITHIN ANY TRAVIS COUNTY RIGHT-OF-WAY.
- 18. THIS PROJECT IS LOCATED ON FLOOD INSURANCE RATE MAP 48453 CO430J.
- 19. TEMPORARY STABILIZATION MUST BE PERFORMED IN ALL DISTURBED AREAS THAT HAVE EASED CONSTRUCTION ACTIVITIES FOR 14 DAYS OR LONGER. IN ACCORDANCE WITH THE STANDARDS DESCRIBED IN THE SWP3 AND ESC PLAN SHEET NOTES.
- 20. PERMANENT SITE STABILIZATION/RE-VEGETATION MUST BE PERFORMED IMMEDIATELY IN ALL SITE AREAS WHICH ARE AT FINAL PLAN GRADE AND IN ALL SITE AREAS SPECIFIED IN THE APPROVED PLANS FOR PHASED RE-VEGETATION, IN ACCORDANCE WITH THE STANDARDS DESCRIBED IN THE SWPS AND ESC PLAN SHEET NOTES.
- 21. ALL TREES WITHIN THE RIGHT-OF-WAY AND DRAINAGE EASEMENTS SHALL BE SAVED OR DEMANDED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION PLANS, TRAVIS COUNTY 21. ALE TREES WITHIN THE AIGHT-OF-WAT AND DAININGS EACHINGS TRACE BE SAVED REMOVED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION PLANS. TRAVIS COUNT TREE PRESERVATION STANDARDS IN TRAVIS COUNTY CODE SECTION 482-973. INCLUDING NSTALLATION AND MAINTENANCE OF ALL SPECIFIED TREE PROTECTION MEASURES, MUST BE FOLLOWED DURING CONSTRUCTION
- 22. AN ENGINEER'S CONCURRENCE LETTER IN ACCORDANCE WITH TRAVIS COUNTY CODE SECTION 482.953 MUST BE SUBMITTED VIA THE MYPERMITNOW.ORG CUSTOMER PORTAL FOR TRAVIS COUNTY WHEN CONSTRUCTION IS SUBSTANTIALLY COMPLETE. THE ENGINEER'S CONCURRENCE LETTER MUST BE SUBMITTED BEFORE THE CONTRACTOR OR PRIMARY OPERATOR REQUESTS A FINAL INSPECTION BY TRAVIS COUNTY.

23. SITE IMPROVEMENTS MUST BE CONSTRUCTED IN CONFORMANCE WITH THE ENGINEER'S CONSTRUCTION PLANS APPROVED BY TRAVIS COUNTY. NON-CONFORMANCE WITH THE APPROVED PLANS WILL DELAY FINAL INSPECTION APPROVAL BY THE COUNTY UNTIL PLAN

24 FINAL SITE STABILIZATION ALL AREAS DISTURBED BY THE CONSTRUCTION MUST BE NTLY REVEGETATED AND ALL TEMPORARY SEDIMENT CONTROLS AND ACCUMULATED SEDIMENTATION MUST BE REMOVED BEFORE THE COUNTY WILL ISSUE A CERTIFICATE OF COMPLIANCE FOR FINAL SITE STABILIZATION AS PART OF FINAL INSPECTION AND PROJECT COMPLETION. A DEVELOPERS CONTRACT, AS DESCRIBED IN THE SWP3 AND ESC NOTES SHEET MAY BE EXECUTED WITH TRAVIS COUNTY FOR CONDITIONAL ACCEPTANCE OF A PROJECT FOR WHICH HAS ESC FISCAL SECURITY POSTED AND FOR WHICH ALL ITEMS

25. ALL SUBDIVISION LOTS AND AREAS OUTSIDE THE RIGHT-OF-WAY WHICH ARE DISTURBED DURING THE CONSTRUCTION PROCESS MUST BE INCLUDED IN THE FINAL STABILIZATION/REVEGETATION PLAN OF THE SUBDIVISION FOR FINAL INSPECTION APPROVAL. EXCEPT FOR SUBDIVISION LOTS THAT ARE SUBJECT TO SEPARATE TRAVIS COUNTY DEVELOPMENT PERMIT(S), SWP3 NOTICE(S), AND ESC PLAN(S).

26. SOIL DATA SOURCES: SOIL SURVEY OF TRAVIS COUNTY

27. THE OWNER, UTILITY CONTRACTOR, OR A DESIGNATED REPRESENTATIVE SHALL SUBMIT A NOTICE OF CONSTRUCTION VIA THE MYPERMITNOW ORG CUSTOMER PORTAL FOR TRAVIS COUNTY AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION. IF FURTHER ASSISTANCE IS NEEDED, THE TIM PLANNING AND ENGINEERING DIVISION STAFF CAN BE CONTRACTED BY

28 THE WORK WILL NOT BE ACCEPTED AND THE ONE-YEAR WARRANTY PERFORMANCE

29. THE CONTRACTOR SHALL INSTALL ALL TRAFFIC MARKINGS, BARRICADES, AND SIGNAGE IN ACCORDANCE WITH THE LATEST EDITION OF TXDOT'S MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PRIOR TO TNR APPROVAL OF THE ROADWAY CONSTRUCTION.

SEQUENCE OF CONSTRUCTION AND PRIORITY INSPECTIONS -

THE OWNER AND PRIMARY OPERATOR MUST FOLLOW THIS BASIC SEQUENCE OF CONSTRUCTION FOR EACH SUBDIVISION DEVELOPMENT. WITHIN THE FOLLOWING SEQUENCE OF CONSTRUCTION FOR EACH SUBDIVISION DEVELOPMENT, WITHIN THE FOLLOWING SEQUENCE OF CONSTRUCTIONS
ARE LISTED PRIORITY INSPECTIONS THAT THE OWNER AND PRIMARY OPERATOR MUST REQUEST
FROM A REPRESENTATIVE OF TRAVIS COUNTY'S STORM WATER MANAGEMENT PROGRAM HOUR A REPHESENT AT ITE OF TRAYIS COUNTY'S STORM WATER MARKELEHEN PROGRAM THE MORE THE MEDICAL TRANSPORTED HER MARKELEHEN PROCEST THE MEDICAL THROUGH THE MORE THAN THE MEDICAL THE MEDICAL THROUGH WITH THE PRICE THROUGH TO MEDICAL THROUGH THE MEDICAL THROUGH THROUGH

THE SEQUENCE FOR ITEMS 1-4 AND ITEMS 17-22 MUST NOT BE ALTERED, BUT THE SEQUENCE FOR ITEMS 5-16 MAY BE MODIFIED WITH THE WRITTEN APPROVAL OF THE COUNTY

1.ESC INSTALLATION. INSTALL ALL TEMPORARY EROSION AND SEDIMENT CONTROLS (ESC) AND TREE PROTECTION MEASURES IN ACCORDANCE WITH THE APPROVED ESC PLAN SHEETS

- a. HAVE A QUALIFIED INSPECTOR (AS SPECIFIED IN SECTION 482.934(C)(3) OF THE TRAVIS COUNTY CODE) INSPECT THE TEMPORARY EROSION AND SEDIMENT CONTROLS AND PREPARE A CERTIFIED SWP3 INSPECTION REPORT REGRANING WHETHER THE TEMPORARY EROSION AND SEDIMENT CONTROLS WERE INSTALLED IN CONFORMANCE WITH THE
- APPROVED PLANS;
 b. UPLOAD THE CAULIFIED INSPECTOR'S CERTIFIED SWP3 INSPECTION REPORT TO THE
 MYPERMITHOW. ORG CUSTOMER PORTAL FOR TRAVIS COUNTY: AND
 C. REQUEST A MANDATORY PRE-CONSTRUCTION MEETING WITH TRAVIS COUNTY THROUGH
 THE MYPERMITHOW. ORG CUSTOMER PORTAL FOR TRAVIS COUNTY GIVING AT LEAST 3
 BUSINESS DAYS ONTIFICATION.

2. PRE-CONSTRUCTION MEETING AND ESC INSPECTION. HOLD A MANDATORY PRE-CONSTRUCTION MEETING THAT ADDRESSES THE ITEMS IN EXHIBIT 482-950 AND THE ESC PRE-CONSTRUCTION INSPECTION BY THE COUNTY AND DOTAIN COUNTY'S APPROVAL TO START

3. INSPECT FOR COMPLIANCE WITH SWP3 AND ESC PLAN. MAINTAIN AND INSPECT THE SWP3 CONTROLS AND PREPARE AND UPLOAD A WEEKLY CERTIFIED SWP9 INSPECTION REPORT THAT INCLUDES THE CONTENTS LISTED IN EXHIBIT 482.951 TO THE MYPERMITNOW.ORG CUSTOMER PORTAL FOR TRANSF COLUMN.

- 4. CONSTRUCT SEDIMENT BASIN(S), CONSTRUCT ANY STORM WATER POND(S) FIRST, WHENEVER PPLICABLE, TO BE FUNCTIONAL AS CONSTRUCTION SEDIMENT BASIN(S) BEFORE GRADING AND
- APPLICABLE. TO BE FUNCTIONAL AS CONSTRUCTION SEDIMENT BASIN(S) BEFORE GRADING AND EXCLANITION THE ENTIRE SITE, AS FOLLOWS THE AREAS AND CHI AND FILL QUANTITIES BECAUSE TO A CONSTRUCT HE POWER AND CHI AND FILL QUANTITIES IN ECESSARY TO CONSTRUCT HE POWER (S) ACCORDANCE WITH THESE APPROVED PLANS AND THE MINIMAL STANDARDS DESCRIBED IN THE SUPP AND ES CPUN MEET NOTES FOR THE TEMPORARY SECRIMENT BASIN EMBANAGENTS, WALLS, INCIDING, OUTFALLS, DRAINAGE BE REQUESTED COUNTY HIS SPECTION AND GRIMA FOLLOWS YOUTFALL SPONDAL OF THE TEMPORARY SEDIMENT BASINS) BEFORE PROCEEDING PURTHER PROVIDED AND THE TEMPORARY SEDIMENT BASINS) BEFORE PROCEEDING PURTHER NOTHE SEQUENCE OF CONSTRUCTION, PROPRIETT NOSPECTION)

 CONSTRUCT SUBDIVISION IMPROVEMENTS. BEGIN THE PRIMARY SUBDIVISION CLEARING, EXCAVATION, AND CONSTRUCTION ACTIVITIES AND CONTINUE THE SWP3 AND ESC PLAN IMPLEMENTATION AND MAINTENANCE PER THE APPROVED PLANS

- 6. ROUGH GRADE STREETS
- 7. INSTALL UTILITIES TO BE LOCATED UNDER THE PROPOSED PAVEMENT
- 8. BEGIN INSTALLATION OF STORM SEWER LINES.
- 9. REGRADE STREETS TO SUBGRADE.

10. PERFORM TEMPORARY STABILIZATION IN ALL DISTURBED AREAS THAT HAVE CEASED CONSTRUCTION ACTIVITIES FOR 14 DAYS OR LONGER.

- 11. PERFORM PERMANENT SITE STABILIZATION/RE-VEGETATION IMMEDIATELY IN ALL SITE AREAS
- AT FINAL PLAN GRADE AND IN ALL SITE AREAS SPECIFIED FOR PHASED RE-VEGETATION
- 12. COMPLETE UNDERGROUND UTILITY CROSSINGS ON ALL STREETS. 13. INSTALL CURB AND GUTTER.
- 14 LAY FINAL BASE COURSE MATERIAL
- 15. INSTALL ALL TRAFFIC CONTROL SIGNING, STRIPING, AND PAVEMENT MARKERS.
- 16. COMPLETE ALL UNDERGROUND INSTALLATIONS WITHIN THE RIGHT-OF-WAY.

- 17. COMPLETE PERMANENT WATER QUALITY CONTROLS. BEGIN COMPLETION OF PERMANEN WATER QUALITY CONTROL(S) AND INSTALL THE UNDERDRAIN PER APPROVED PLANS, WHEN
- a. REMOVE CONSTRUCTION SEDIMENT. RE-ESTABLISH THE BASIN SUBGRADE, AND INSTALL
- UNDERDRAIN PIPING.
 b. REQUEST COUNTY INSPECTION AND OBTAIN COUNTY'S WRITTEN APPROVAL OF THE UNDERDRAIN PIPING INSTALLATION AND ASSOCIATED CONSTRUCTION MATERIALS (AGGREGATE, RITER MEDIA, ETC.) BEFORE COVERING THE UNDERDRAIN AND PROCEEDING WITH CONSTRUCTION OF THE CONTROL. (PRIORITY INSPECTION).

18. COMPLETE FINAL SITE STABILIZATION INCLUDING STABILIZATION OF ALL DISTURBED SUBDIVISION LOTS STILL UNDER THE SWP3 AND ESC PLAN OF THE PRIMARY OPERATOR FOR THE SUBDIVISION STREET AND DRAINAGE CONSTRUCTION.

19. PROVIDE ENGINEER'S CONCURRENCE LETTER THROUGH THE MYPERMITNOW.ORG CUSTOMER PORTAL FOR TRAVIS COUNTY WHEN CONSTRUCTION IS SUBSTANTIALLY COMPLETE AND REQUEST A FINAL INSPECTION BY TRAVIS COUNTY

20. PERFORM A FINAL INSPECTION WITH THE COUNTY AND PREPARE A PUNCH LIST WITH REMAINING ITEMS THAT NEED TO BE COMPLETED FOR PROJECT ACCEPTANCE. (PRIORITY INSPECTION)

- 21. OBTAIN A CERTIFICATE OF COMPLIANCE FOR FINAL STABILIZATION FROM THE COUNTY WHEN ALL FINAL INSPECTION PUNCH LIST ITEMS ARE FINISHED AND FINAL SITE STABILIZATION AND REMOVAL OF TEMPORARY SEDIMENT CONTROLS IS COMPLETE. (PRIORITY INSPECTION)
- REBULYALD I ERPUTURENT SELBIBENT LUNI INCLIS IS COMPILETE, PYRONIY I NEPFECTION) APPROVINE SERANTA PERRAIT DOCUMENTATION FOR AN SEIGNISSON LOTS NOT STABILIZED APPROVINE SERANT SELBIT SELBIT

22. RECEIVE A CONDITIONAL ACCEPTANCE FROM TRAVIS COUNTY TO BEGIN THE CONSTRUCTION WARRANTY PERIOD WHEN ALL PUNCH LIST ITEMS ARE COMPLETE. (PRIORITY INSPECTION).

PRE- CONSTRUCTION CONFERENCE AND INSPECTION REQUIRED

(a) THE PRE-CONSTRUCTION CONFERENCE AND PRE-CONSTRUCTION INSPECTION (8) THE PRECONSTRUCTION CONFERENCE AND PRECURS INCLICITION INSPECTION STORES.
INSECURIEMENTS OF THIS SECTION APPLYTO EVERY PROJECT FOR WHICH A SWYS MUST BE SUBMITTED TO THE COUNTY FOR APPROVAL AND EVERY WORKERS IDENTIAL PROJECT LESS THAN ONE ACRE WHICH REQUIRES AN EXPLAIN EXCEPTION SPECIFIED IN PRAGRAPHS (1) AND (2).
(1) A PRE-CONSTRUCTION CONFERENCE IS NOT REQUIRED FOR CONSTRUCTION ON A SINGLE FAMILY RESIDENTIAL LOT.

(2) A PRE-CONSTRUCTION CONFERENCE FOR A NON-RESIDENTIAL PROJECT LESS THAN ONE ACRE AND SUBJECT TO AN ESC PLAN SHOULD BE CONDUCTED BY AN INSPECTOR QUALIFIED AURE AND STORM WAS THAN STORM TROUBLED CONTROLLED BY AN IN IS SUBJECT TO THE REQUIREMENTS OF THE MANAGEMENT REQUIREMENTS AND SUBJECT TO THE REQUIREMENTS OF THE SECTION, EXCEPT THAN SWEP PRE-CONSTRUCTION CONFERENCE; IN SWEP, SWEP SHOPE CONSTRUCTOR SWEP CONSTRUCTION, EXCEPT THAN SWEP PRE-CONSTRUCTION CONFERENCE; IN SHALL BE CONSTRUED AS AN ESC PLAN, ESC PLAN INSEPTION, ESC PLAN REPORT, OR ESC PLAN BECONSTRUED AS AN ESC PLAN, ESC PLAN INSEPTION, ESC PLAN REPORT, OR ESC PLAN BECONSTRUCTION CONFERENCE, RESPECTIVELY.

(b) THE REQUIREMENTS OF THIS SECTION ARE IN ADDITION TO ANY APPLICABLE PRE-CONSTRUCTION CONFERENCE REQUIREMENTS OF SECTION 482.603(D).

(c) THE OWNER OF A PROJECT OR OWNER REPRESENTATIVE SHALL REQUEST A PRE-CONSTRUCTION CONFERENCE WITH THE DESIGNATED INSPECTOR BEFORE STARTIN CONSTRUCTION UNDER AN APPROVED SITE PLAN OR SUBDIVISION CONSTRUCTION PLAN REFORE PROJECTING A PRE-CONSTRUCTION CONFERENCE. THE OWNER OR OWNER'S REPRESENTATIVE SHALL ENSURE THE FIRST PHASE OF THE ESC CONTROLS ARE OWNERS KEPPESSEN JULY SPINLE ENSURE THE FIRST PHASE OF THE ESE OUTSTALLS ARE INSTALLED IN CONFORMANCE WITH THE APPROVED PLANS, A QUALIFIED INSPECTOR (AS SPECIFIED IN SECTION 482.94(C),(3)) HAS INSPECTED THE CONTROLS AND VERIFIED COMPLIANCE WITH THE PLANS, AND AN SWP3 INSPECTION REPORT DOCUMENTING THIS INFORMATION HAS BEEN SUBMITTED TO THE COUNTY THROUGH THE METHOD SPECIFIED BY THE

(d) THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE SHALL PROVIDE NOTICE OF THE SWP3 PRE-CONSTRUCTION CONFERENCE AND A COPY OF THE APPROVED PLANS FOR THE DEVELOPMENT TO THE FOLLOWING PERSONS OR ENTITIES AT LEAST TWO BUSINESS DAYS

- DEFECTION TO THE COMPERENCE:

 (1) PRIMARY OPERATOR WITH OPERATIONAL CONTROL OF THE PLANS AND SPECIFICATIONS;

 (2) TRAINS CUIVY'S DESIGNATION THE PLANS AND SPECIFICATIONS;

 (3) DESIGN ENGINEER OR REPRESENTATIVE FOR THE APPROVED PLANS AND SWP3;

 (4) OLDITIACTIONS;

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 (5) DESIGN ENGINEER OR REPRESENTATIVE FOR THE APPROVED PLANS AND SWP3;

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 (7) AND THE PLANS AND PRIMARY OPERATORIS;

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- (9) CONTINUE (UNIQ) AND PRIMARY OF THE CONTINUE (CONTINUE CONTINUE CONTINUE

(e) THE SWP3 PRE-CONSTRUCTION CONFERENCE MAY BE A DISCRETE MEETING OR A SUBSET (g) THE SWYF SPEC-LOSS INCLUDING CONFERENCE, BUT MUST INCLUDE AN ON-STEE OF A LARGER PROJECT PRE-CONSTRUCTION CONFERENCE, BUT MUST INCLUDE AN ON-STEE INSPECTION AND APPROVAL BY THE INSPECTION OF THE INSTALLATION OF THE HIRST HASE OF THE PROJECTS BORSION AND SEDMENT CONTROLS BEFORE THE CONSTRUCTION ACTIVITIES CAN COMMENCE. THE ROUGHLED PREPARATIONS IN ADVANCE OF THE PRE-CONSTRUCTION CHITTIES. PRE-CONSTRUCTION CONFERENCE ARE SPECIFIED IN EXHIBIT 482.950 - PRE-CONSTRUCTION

PLANNING AND CONFERENCE FOR SWP3 AND ESC PLAN

(f) IF THE TRAVIS COUNTY INSPECTOR DETERMINES THAT INSTALLATION OF THE FIRST PHASE OF A PROJECT'S ERGOICA AND SEDMENT CONTROLS HAS NOT OCCURRED, IS SUBSTANTIALLY COMBENCE. THE PROJECT OF THE ESTABLISHED BY THE COMMISSION. ENERGY FROM TO SCHEDUING A SUBSECULARY FRE-CONSTRUCTION OWNERENCE. AND PROJECT ON LATER OF THE PROJECT OF THE PROJECT ON THE CONTROLLED ON OWNERENCE AND PROJECT ON LATER OF THE PROJECT ON STRUCTURE OF THE PROJECT ON STRUCTURE OF THE PROJECT ON STRUCTURE OF THE PROJECT OF THE PROJECT OF THE PROJECT ON STRUCTURE OF THE PROJECT OF THE PROJECT OF THE PROJECT OF THE PROJECT ON STRUCTURE OF THE PROJECT OF THE PROJECT

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THU CAO LIC. # 93976

F AUSTIN, TEXAS IT OF PUBLIC WORKS G SERVICES DIVISION STATION /EMENTS RAVIS COUNTY CONSTRUCTION GLENLAKE PUMP BYPASS IMPROV CITY OF A DEPARTMENT (ENGINEERING S

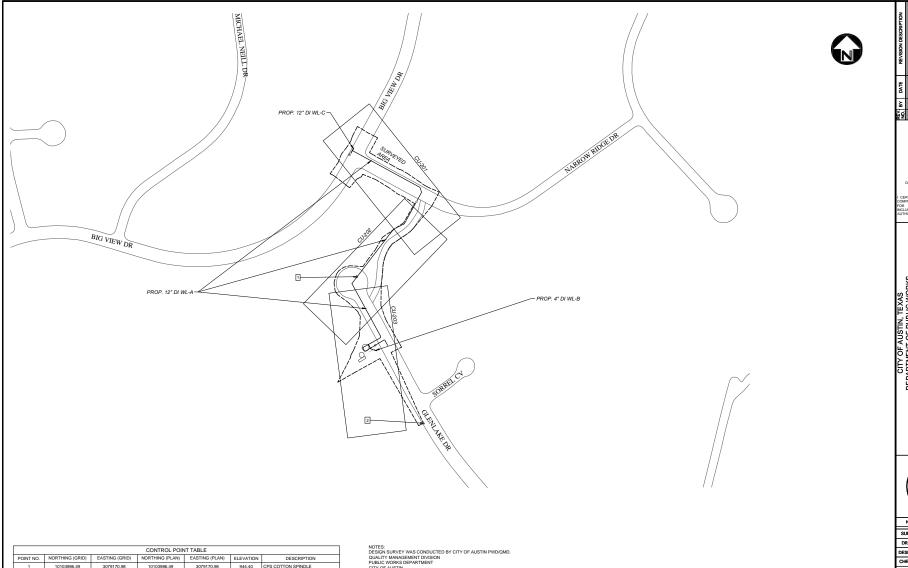
GENERAL (

NOTES	NAME	DATE			
SURVEY BY	QMD	10/16			
DRAWN BY	MS	02/17			
DESIGNED BY	MS	10/16			
CHECKED BY	TC	10/16			
REVIEWED BY	ESD	02/17			



GP-2018-0000-AW

G-005 5 of 55



1.	INID COORDINATE VALUES ARE TEXAS STATE PLANE COORDINATES NAD 83 (2011) EPOCH 2010, CENTRAL ZONE. THE GRID COORDINATES	FOR
	CONTROL POINT 1 ARE EQUAL TO THE PLAN COORDINATES (SURFACE DISTANCE COORDINATE VALUES) FOR CONTROL POINT 1 FOR PROJECT.	THIS

3079385.71

938.37

CPS COTTON SPINDLE

PROJECT.

2 CONTROLLING MONUMENTS FOR THIS PROJECT ARE POINT 1 AND POINT 2 AND THE GRID COORDINATES FOR BOTH POINTS WERE ESTABLISHED FROM MEANED MILTIPLE VRS OFS OBSERVATIONS.

3. ELEVATIONS WERE ESTABLISHED UTILIZING MEANED VRS OPS OBSERVATIONS ON CONTROL POINTS. THE BASIS OF THESE ELEVATIONS ARE NAVUS 88 (GEOID 124).

1. TEMPORATE ISBOCHMARK COTTON, SYNIDLE SET IN POWER POLE APPROX. 2 WEST OF CURB AND NEAR NORTHEAST CORNER OF CITY OF AUSTIN TRACT AT 9809 GLENANE DAVIE. PLANE 159.

1. THE COMBINED SOLE FACTOR FOR THIS PROJECT IS 0.999926483

10103514.90

3079385.69

10103514.95

NOTES
SISTEM VIVAS CONDUCTED BY CITY OF AUSTIN PWDIQMD.
DESIGN SURVEY WAS CONDUCTED BY CITY OF AUSTIN PWDIQMD.
PUBLIC WORRS EDERATIMENT
CITY OF AUSTIN
SOS BARTON SPRINGS ROAD, SUITE 760
AUSTIN, TEXAS 78704
CONTACT MARY HAWNINS, R.P.L.S.
PHONE: (SY21974-2801
FUNE: May 1-yearned 8 quatrineras gov



OVERALL MAP & SURVEY CONTROL CITY OF AUSTIN, TEXAS
DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICES DIVISION GLENLAKE PUMP STATION BYPASS IMPROVEMENTS

NOTES	NAME	DATE
SURVEY BY	QMD	10/16
DRAWN BY	MS	02/17
DESIGNED BY	MS	10/16
CHECKED BY	TC	10/16
REVIEWED BY	ESD	02/17



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G-101 6 or 55

CITY OF AUSTIN - STANDARD NOTES EROSION AND SEDIMENTATION CONTROL (MODIFIED FOR USE ON GENERAL PERMIT PROJECTS)

- THE CONTRACTOR SHALL INSTALL EROSION/SEDIMENTATION CONTROLS AND TREE/NATURAL AREA PROTECTIVE FENCING PRIOR TO ANY SITE PREPARATION WORK (CLEARING, GRUBBING, OR EXCAVATION).
- THE PLACEMENT OF EROSION/SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH THE ENVIRONMENTAL CRITERIA MANUAL AND THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN.
- 3. THE PLACEMENT OF TREEMATURAL AREA PROTECTIVE FENCING SHALL BE IN ACCORDANCE WITH THE CITY OF AUSTIN STANDARD NOTES FOR TREE AND NATURAL AREA PROTECTION AND THE APPROVED GRADINGTIREE AND NATURAL AREA PLAN.
- A ARE CONSTRUCTION CONFERENCE SHALL BE HELLON-SITE WITH THE CONTRACTOR.
 DESIGN ENGNEET. PERMIT MYRE MIT. AND GENERAL PERMIT PROGRAM
 REPRISES HOW THE FROM THE BROSON EXPENSIVE THE PROGRAM
 THE TREEMATURAL AREA PROTECTION MEASURES AND PRIOR TO BEONNEAM SHY
 PREPARATION WORK THE CONTRACTOR SHALL NOTHY THE GENERAL PERMIT PROGRAM
 OFFICE AT 15/2074-8303, AT LEAST 3 DAYS PRIOR TO THE MEETING DATE.
- ANY SIGNIFICANT VARIATION IN MATERIALS OR LOCATIONS OF CONTROLS OR FENCES FROM THOSE SHOWN ON THE APPROVED PLANS MUST BE APPROVED BY THE REVIEWING ENGINEER AND THE GENERAL PERMIT PROGRAM REPRESENTATIVE.
- 6. THE CONTRACTOR IS REQUIRED TO INSPECT THE CONTROLS AND FENCES AT DAILY INTERVALS. AND AFTER SIGNIFICANT RAINFALL EVENTS TO INSURE THAT THEY ARE FUNCTIONING PROPERLY. THE PERSONNIS, RESPONSIBLE FOR MAINTENANCE OF CONTROLS AND FENCES SHALL IMMEDIATELY MAKE ANY NECESSARY REPAIRS TO DAMAGED AREAS. SIX TACCUMULATION AT CONTROLS MUST BE REMOVED WHEN THE CEPT REACHES SIX (F.) INCHES. SILT ACCUMULATION AT INLET DEVICES SHOULD BE REMOVED WHEN THE DEPTH REACHES TWO (2) INCHES.
- PRIOR TO FINAL ACCEPTANCE BY THE CITY, HAUL ROADS AND WATERWAY CROSSINGS CONSTRUCTED FOR TEMPORARY CONTRACTOR ACCESS MUST BE REMOVED, ACCUMULATED SEDMENT REMOVED FROM THE WATERWAY AND THE AREA RESTORED TO THE ORIGINAL GRADE AND REVECETATED. ALL LAND CLEARING DEBRIS SHALL BE DISPOSED OF IN APPROVED SPOIL DISPOSAL SITES.
- 8. ALL WORK MUST STOP IF A VOID IN THE ROCK SUBSTRATE IS DISCOVERED WHICH IS ONE SQUARE FOOT OR LARGER IN TOTAL AREA, BLOWS AIR FROM WITHIN THE SUBSTRATE, ANDIOR CONSISTENTLY RECEIVES WATER DURING ANY RAIN EVENT. AT THIS TIME, IT IS THE RESPONSIBILITY OF THE PROJECT MANAGER TO IMMEDIATELY CONTACT THE GENERAL PERMIT PROGRAM REPRESENTATIVE FOR FURTHER INVESTIGATION.
- FIELD REVISIONS TO THE EROSION/SEDIMENTATION CONTROL PLAN MAY BE REQUIRED BY THE GENERAL PERMIT PROGRAM REPRESENTATIVE DURING THE COURSE OF CONSTRUCTION TO CORRECT CONTROL INADEQUACIES. ANY REVISIONS TO THE PERMITTED PLAN MUST BE APPROVED BY THE GENERAL PERMIT PROGRAM OFFICE OF THE PLANNING AND DEVELOPMENT REVIEW DEPARTMENT.
- 10. PERMANENT EROSIONSEDIMENTATION CONTROL: ALL DISTURBED AREAS SHALL BE RESTORED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. WHERE THE CRITERIA MANUAL AND CONTRACT DOCUMENTS DIFFER THE MOST ENVIRONMENTALLY BENEFICIAL MATERIALSMETHOD SHALL BE REQUIRED UNLESS OTHERWISE APPROVED BY THE GENERAL PERMIT PROGRAM REPRESENTATIVE.

11. DEVELOPER INFORMATION

ADDRESS: 625 E. 10TH ST

PHONE: 512- 972- 2205 E-MAIL: TIGER.DAVIS@AUSTINTEXAS.GOV

OWNER'S REPRESENTATIVE RESPONSIBLE FOR PLAN ALTERATIONS:

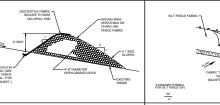
COMPANY: CITY OF AUSTIN, PUBLIC WORKS DEPT

CONTACT: THU CAO, PE ADDRESS: 505 BARTON SPRINGS RD., SUITE 900 AUSTIN, TX 78704

PHONE: 512-074-7167 E-MAIL: THU.CAO@AUSTINTEXAS.GOV

PARTY RESPONSIBLE FOR EROSION/SEDIMENTATION CONTROL MAINTENANCE:

- PARTY RESPONSIBLE FOR TREE/NATURAL AREA PROTECTION MAINTENANCE: COMPANY: CONTRACTOR 12 THE CONTRACTOR SHALL NOT DISPOSE OF SURPLUS EYCAVATED MATERIAL FROM THE
- 12. THE CONTRACTOR SPALE NOT DISPOSE OF SURFLUS EXACAVATED MATERIAL FROM THE SITE WITHOUT NOTIFYING THE GENERAL PERMIT PROGRAM REPRESENTATIVE, AT 97-6830, AT LEAST 48 HOURS PRIOR TO THE SPOILS REMOVAL. THIS NOTIFICATION SHALL INCLUDE THE DISPOSAL LOCATION AND A COPY OF THE PERMIT ISSUED TO RECEIVE THE MATERIAL.
- 13. INLET PROTECTION SHALL BE INSTALLED IMMEDIATELY PRIOR TO STREET WORK, AND WILL BE REMOVED AS SOON AS THE GENERAL PERMIT PROGRAM REPRESENTATIVE AGREES THAT THERE IS NO POTENTIAL FOR SEDIMENTATION.



NOTES:

USE ONLY OPEN GRADED ROCK, 4-8 INCH DIAMETER, FOR STREAM FLOW CONDITION SE OPEN GRADED ROCK, 3-5 INCH DIAMETER, FOR OTHER CONDITIONS.

ROCK BERM SHALL BE SECURED WITH A WOVEN WIRE SHEATHING HAT PENING AND MINIMUM WIRE DIAMETER OF 20 GAUGE.

ROCK BERM SHALL BE INSPECTED WEEKLY OR AFTER EACH RAIN, AND THE STON FABRIC CORE-WOVEN WIRE SHEATHING SHALL BE REFLACED WHEN THE STRUCTURE OF FUNCTION AS INTENDED, DUE TO SUIT ACCUMULATION AMONG THE ROCKS, V CONSTRUCTION TRAFFIC DAMAGE. ETC.

DAILY INSPECTION SHALL BE MADE ON SEVERE SERVICE ROCK BERMS; SILT SHALL BE REN HEN ACCUMULATION REACHES & INCHES

WHEN SITE IS COMPLETELY STABILIZED, THE BERM AND ACCUMULATED SILT IN DISPOSED OF IN AN APPROVED MANNER

	STEEL ON WOOD FREE PORTS MAY 2 FM SPECTORS F ** ** ** ** ** ** ** ** ** ** ** ** **
	(8°) MIN.
SF L=	TRENCH CROSS SECTION
	HICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT

- ANGLE TOWARD THE ANTICIPATED RIPORTS THE SILT FENCE SHALL BE INSTALLED ON A SLIGH ANGLE TOWARD THE ANTICIPATED RINOFF SOURCE, POST MUST BE EMBEDGED A MINIMUM OF 330 mm (12 INCHES). IF WOOD POSTS CANNOT ACHIEVE 330 mm (12 Inches) DEPTH, USE STEE DOOPTS.
- THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW.
- THE TRENCH MUST BE A MINIMUM OF 150 mm (6 inches) DEEP AND 150 mm (6 inches) WIDE TO ALLOW FOR THE SLT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH

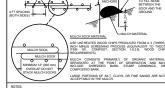
SHALL BE DISPOSED TRIBUTE TO ADDITION	7. INLET PRO ACHIEVED			
CITY OF AUSTIN HED PROTECTION DE		SILT FENCE		CIT WERSHED PI
RD COPY SIGNED IORGAN BYARS	09/01/2011 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	642S-1	RECORD CO. BY MAP

	NOTES: 1. MATERIAL-THE FABRIDMUST COR	RESPOND TO THE	E FOLLOWING REPORTED TEST
	PROPERTY	ASTM TEST METHOD	REQUIREMENTS
	FABRIC WEIGHT	D 3776	≥ 3.0 JUNCES / SQUARE YARD
	ULTRAVIOLET (UV) RADIATION STABILITY	D 4355	79 STRENGTH RETAINED MIN., AFTER 00 HOURS IN XENON ARC DEVICE
	MUUEN BURST STRENGTH	D 3786	≥ 120 POUND PER SQUARE INCH
rT OF	WATER FLOW RATE	D491	≥ 275 GALLONS / MINUTE / SQUARE FEET
ĒL.	EIGHTEEN (18) MONTHS. THE INL	ET PROJECTION CLEAN OUT IN	PECTED USEFUL LIFE OF APPROXIMATE DEVICES SHOULD BE CONSTRUCTED IN D DISPOSAL OF TRAPPED SEDIMENT WI

- OVERLAP AT LEAST THE INLET FILTER S
- SHALL MONITOR THE PERFORMANCE OF INLET PROT T AND IMMEDIATELY REMOVE THE INLET PROTECTIONS URING EACH D OVERTOP THE CURB.
 OTECTIONS SHALL BE REMOVED AS SOON AS THE SOURCE OF

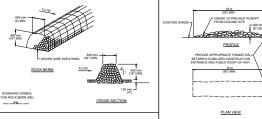
FILTER DIKE CURB INLET PROTE 628S-2

INSTALLATION DETAIL OPTIONS:
1. TOE-IN 150 mm (6") MINIMUM.
2. WEIGHTED WITH 75 mm-125 m



- SOCK MATERIAL WILL BE 100% BIODEGRADABLE, PHOTODEGRADABLE, OR RECYCLABLE SUC AS BURLAP, TWINE, UV PHOTOBIODEGRADABLE PLASTIC, POLYESTER, OR ANY OTHER

	CONTRIBUTE TO ADDITIONAL SILIATION		
	CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT	MULCH SOCK	
V	RECORD COPY SIGNED BY MORGAN BYARS 0824/2010	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD	STANDARD NO. 648S-1



639S-1

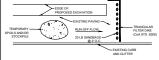
N/A

OTES: 1. USE ONLY OPEN GRADED ROCK 75 to 125 mm (3 to 5") DIAMETER FOR ALL CONDITIONS.

- IF SEDIMENT REACHES A DEPTH EQUAL TO ONE-THIRD THE HEIGHT OF THE BERM O (6"), WHICHEVER IS LESS, THE SEDIMENT SHALL BE REMOVED AND DISPOSED OF APPROVED SITE AND IN MANINER THAT WILL NOT CREATE A SEDIMENTION PROBLEM.
- WHEN THE SITE IS COMPLETELY STABILIZED, THE BERM AND ACCORD REMOVED AND DISPOSED OF IN AN APPROVED MANNER
- THE STATE OF THE S

BE		RE BAR WITH TEE ENDS.
SAP	5.	
RM		JOINTS SHALL BE FASTENED WITH GALVANIZED SHOAT RINGS.
	6.	THE DIKE STRUCTURE SHALL BE MW40-150 mm/(150 mm (6 GA, 6"X6") WIRE MESH, 450
NT		A SIDE.
DIC	7.	INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND
ND		REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED BY THE CONTRACTOR.
IS.	8.	ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 150 n
/ED		DISPOSED OF IN A MANNER WHICH WILL NOT CAUSE ADDITIONAL SILTATION.
	9.	AFTER THE DEVELOPMENT SITE IS COMPLETLY STABLIZED, THE DIKES AND ANY

	NOT CAUSE ADDITIONAL SILTATION. MPLETLY STABLIZED, THE DIXIES AND ANY REMAINING BE DISPOSED OF AS INDICATED IN GENERAL NOTE 8
CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT	TRIANGULAR SEDIMENT FILTER DIKE



NOTES.

THE TEMPORARY SPOCLESTOOPILE STORME MEER AND STAGING AREA MAY BE LOCATED DIRECTLY ADJACED. TO THE ELOCATED MAN ON THE PARKEMENT.

ANY SPOLL NOT INTERESTED TO BE REUSED FULL BE HAULED TO AN APPROVED ON FERRITTED TO BE REUSED FULL BE HAULED TO AN APPROVED ON FERRITTED TO BE REUSED FULL BE HAULED TO AN APPROVED ON FERRITTED TO BE APPROVED FOR THE PARKEMENT OF THE PARKEMENT AND APPROVED TO THE PARKEMENT OF THE PARKEMENT OF

SERIAL LOTS:

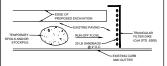
ONES SHOULD BE PLACED IN A BOW WITH BODD TROHTLY ABUTTION THE ADJACENT DIVE.

THE FAMIL OVER AND SHIP SHALL BE A CONTROLLOW WARPHON OF GEDTERTIE. THE SHIT

THE FAMIL SHALL BE INSIGHTED WITH A CONTROLLOR THE INSTRUMENT OF THE TOTAL DIVERTIES.

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ADDITIONAL EROSION/SEDIMENTATION CONTROL FOR WORK IN PAVED AREAS FOR GENERAL PERMIT PROGRAM PROJECTS

GENERAL PERMIT OFFICE SION/SEDIMENTATION

EROSION/

CONTROL

ENGINEERING SERVICES DIVISION

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ADDITIONAL AREAS:

- ANY ADDITIONAL AREAS REQUIRED FOR CONSTRUCTION OF THIS PROJECT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, CONTRACTOR MUST SECURE CITY OF AUSTIN APPROVAL OF PROPOSED ADDITIONAL AREAS PRIOR TO USE. APPROVAL OF CORRECTION REQUEST! MUST BE SECURED FROM THE GENERAL PERMIT PROGRAM OFFICE OF THE PLANNING AND DEVELOPMENT REVIEW DEPARTMENT
- ALL ASSOCIATED PERMITS AND FEES SHALL BE THE SOLE RESPONSIBILITY OF THE
- 3. IN ORDER TO SECURE APPROVAL FOR USE OF ADDITIONAL AREAS, CONTRACTOR MUST PROVIDE COMPLETE "CORRECTION REQUEST" SUBMITTAL TO GENERAL PERMIT PROGRAM OFFICE AND ALLOW A ONE WEEK COMMENT PERIOD FOR EACH REVIEW. CONTRACTOR SHOULD REQUEST INFORMATION ON THE LEIBENTS REQUIRED TO BE INCLUDED IN THE SUBMITTAL FROM THE OWNERS REPRESENTATIVE OR THE GENERAL PERMIT PROGRAM
- CONTRACTOR MUST INSTALL AND MAINTAIN FROSION/SEDIMENTATION CONTROLS AND TREE PROTECTION FOR ALL SUCH AREAS IN ACCORDANCE WITH THE CITY OF AUSTIN ENVIRONMENTAL CRITERIA MANUAL AND AS INCLUDED IN THE APPROVED SUBMITTAL OR DIRECTED IN THE FIELD BY THE GENERAL PERMIT PROGRAM REPRESENTATIVE.

CONTRACTOR IS RESPONSIBLE FOR DEWATERING OF WORK AREA CONTRACTOR MUST SECURE CITY OF AUSTIN APPROVAL OF PROPOSED DEWATERING PROCEDURES PRIOR TO INSTALLATION OR USE. APPROVAL MUST BE SECURED FROM THE GENERAL PERMIT PROGRAM (GPP) OFFICE OF THE PLANNING AND DEVELOPMENT REVIEW DEPARTMENT CONTRACTOR MUST PROVIDE COMPLETE SUBMITTAL TO GPP OFFICE AND ALLOW AN ONE WEEK (MIN.) COMMENT PERIOD FOR EACH REVIEW. CONTACT THE GPP OFFICE FOR SUBMITTAL REQUIREMENTS.

FUEL STORAGE IS PROHIBITED ON THIS PROJECT. ADDITIONALLY, THE CONTRACTOR IS REQUIRED TO NOTIFY THE GENERAL PERMIT PROGRAM OFFICE IMMEDIATELY FOLLOWING ANY SPILL OF FUEL OR OTHER TOXIC MATERIAL. CONTRACTOR IS REQUIRED TO FOLLOW-UP WITH WRITTEN DOCUMENTATION, INCLUDING A COMPLETE DESCRIPTION OF THE INCIDENT MATERIAL SPILLED, AND ACTIONS TAKEN TO CONTAIN AND CLEAN-UP MATERIAL

FUGITIVE DUST CONTROL:

ALL PROJECTS APPROVED THROUGH THE GENERAL PERMIT PROGRAM (GPP) MUST COMPLY WITH THE CODE OF THE CITY OF AUSTIN AND THE ENVIRONMENTAL CRITERIA MANUAL REQUIREMENTS TO CONTROL ABRORNE DUST. COMPULANCE IS REQUIRED FOR ENTIRE PROJECT SITE AS WELL AS ASSOCIATED OPERATIONS. CONTACT THE GPP OFFICE FOR RECOMMENDED CONTROL METHOD.

NO SPOILS STORAGE IS ALLOWED WITHIN A CRITICAL WATER QUALITY ZONE, A 100-YEAR FLOODPLAIN, OR ON A SLOPE WITH A GRADIENT OF MORE THAN 15 PERCENT.

E/S CONTROLS FOR BORE / RECEIVING PIT LOCATIONS

TEMPORARY ES CONTROLS MUST SURROUND THE ENTIRETY OF BORING OPERATIONS, INCLUDING PIT, EQUIPMENT, ETC. FOR LOCATIONS WITHIN IMPERVIOUS AREAS, TEMPORARY CONTROL WILL BE THANGULAR FILETO DIEC OOA STROMADO BETAIL RESSO, DIER FLAP WILL BE CONTRIOUSLY WEIGHTED DOWN THROUGH THE USE OF 1 'BY 4' WOOD STRIPS MALLED TO THE PARWENER, EXCEPT FOR THE ACCESS POINT. PALCEMENT OF TEMPORARY ES CONTROLS ACROSS ACCESS POINT WILL BE REQUIRED WHENEVER THE SITE IS NOT ACTIVELY USED. FOR DIEC LOCATIONS WITHIN PERVIOUS AREAS, TEMPORARY ES ONTROL SILT FENCE (COA STANDARD DETAIL #642S-1) OR MULCH SOCKS (COA STANDARD DETAIL #648S-1). AS INDICATED ON APPROVED PLANS.

SOIL RETENTION BLANKET:

UNLESS OTHERWISE INDICATED IN THE PROJECT DOCUMENTS, INSTALLATION OF SOIL UNLESS OTHERWISE MODICATED IN THE PROJECT DOCUMENTS, NOTALIATION OF SOIL RETENTION BLANCE WILL BE RECOURDED FOR ALL MINACLES GLODES GLEATER THAN SERVICE RETENTION BLANCE WILL BE RECOURDED FOR ALL MINACLES SCHOOL GUESTER THAN SERVICE SPECIFICATION ITEM 60S3, SOIL RETENTION BLANCET SUBMITTAL MIST BE APPROVED BY PROJECT ENDRERS AND GENERAL PERMIT PROGRAM (GPP) REPRESENTATIVE PROIT OF USE AND MIST INCLUDE PRODUCT AND INSTALLATION DETAILS PROVIDED BY MANUFACTURER. PINASI GRADION MUST BE INSPECTED AND APPROVED BY GPP PROFICE TO BURNIES FOR SERVICE STALLATION. INSTALLATION MUST BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS AND MUST BE INSPECTED AND PRPOVED BY GPP. REPRESENTATIVE PRIOR TO ACCEPTANCE

SOD INSTALLATION:

REVEGETATION WITHIN MANAGED TURF AREAS MUST BE ACCOMPLISHED THROUGH THE INSTALLATION OF SCILD BLOCK GRASS SOD. SOD TYPE MUST MATCH ADJACENT GRASS PERMIT REPRESENTATIVE. REFER TO CITY OF AUSTIN STANDARD SPECIOLATION TERM NO. 602S. SODDING FOR EROSION CONTROL, UNLESS OTHERWISE NOTED ON THE APPROVED PLANS.

TYDOT RIGHTS-OF-WAY:

TOPSOIL (TXDOT ITEM NO. 160), SOIL RETENTION BLANKET (TXDOT ITEM NO. 169), AND REVEGETATION (TXDOT ITEM NO. 164) INSTALLED WITHIN TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) RIGHT-OF-WAY SHALL COMPLY WITH "REQUIREMENTS FOR INSTALLATION OF UTILITIES WITHIN THE STATE RIGHT-OF-WAY, AUSTIN DISTRICT."

PROJECT SEQUENCE:
(REFER TO FULL PLAN SET FOR PROJECT-SPECIFIC ADDITIONS, IF APPLICABLE.)

PRIOR TO CONSTRUCTION

- SECURE APPLICABLE COA PERMITS. INCLUDING APPROVAL UNDER GENERAL PERMIT
- NOTIFY GENERAL PERMIT PROGRAM REPRESENTATIVE PRIOR TO PLACEMENT OF E/S CONTROLS AND TREE PROTECTION FENCING. ALL PROPOSED PHASING OF CONTROLS MUST BE SUBMITTED TO AND APPROVED BY THE GENERAL PERMIT PROGRAM REPRESENTATIVE PRIOR TO THE FIELD PRE-CONSTRUCTION CONFERENCE.
- NOTIFY COA TEMPORARY TRAFFIC CONTROL REPRESENTATIVE PRIOR TO PLACEMENT OF TEMPORARY TRAFFIC CONTROLS. ALL PROPOSED PHASING OF CONTROLS MUST BE INDICATED ON APPROVED TEMPORARY TRAFFIC CONTROL PLAN AND SEALED BY PROFESSIONAL ENGINEER.
- PLACE TEMPORARY E/S CONTROLS AND TREE PROTECTION FENCING PRIOR TO REGINNING ANY EXCAVATION. INSTALL C.I.P. SIGN. IF APPLICABLE
- HOLD ENVIRONMENTAL PRE-CONSTRUCTION CONFERENCE ON SITE WITH THE NTRACTOR, OWNER'S REPRESENTATIVE, AND GENERAL PERMIT PROGRAM REPRESENTATIVE AFTER INSTALLATION OF E/S CONTROLS AND TREE PROTECTION FENCING AND PRIOR TO ANY
- 6. PLACE TEMPORARY TRAFFIC CONTROL DEVICES

PROJECT CONSTRUCTION:

- BEGIN CONSTRUCTION. NOTIFY GENERAL PERMIT PROGRAM REPRESENTATIVE A MINIMUM OF 48 HOURS IN ADVANCE OF TRANSITION BETWEEN PHASES.
- CONTACT GENERAL PERMIT OFFICE TO SCHEDULE FIELD INSPECTION PRIOR TO BEGINNING INSTALLATION OF PERMANENT E/S CONTROLS.
- COMPLETE RESTORATION OF ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES FOR THIS PROJECT. (PERMANENT E/S CONTROLS)
- REMOVE TEMPORARY TRAFFIC CONTROL DEVICES RELATED TO WORK AREAS OUTSIDE OF
- HOLD ENVIRONMENTAL POST-CONSTRUCTION CONFERENCE ON SITE WITH TH INTRACTOR, OWNER'S REPRESENTATIVE, AND GENERAL PERMIT PROGRAM REPRESENTATIVE ALL PERMANENT E/S CONTROLS MUST BE ACCEPTED BY THE GENERAL PERMIT PROGRAM REPRESENTATIVE. PERMANENT CONTROLS SHALL CONSIST OF REVEGETATION PER DETAILS 602, 604S, AND 609S AS INDICATED ON APPROVED PLANS.
- FOLLOWING FINAL ACCEPTANCE OF PERMANENT E/S CONTROLS BY THE GENERAL PERMIT PROGRAM REPRESENTATIVE, REMOVE TEMPORARY E/S CONTROLS. CLEAN EXISTING STORM DRAINAGE SYSTEMS AS NECESSARY DUE TO CONSTRUCTION OPERATIONS.
- DRESS-UP AND RESTORE ANY AREAS DISTURBED BY REMOVAL OF TEMPORARY E/S

REQUIRED SUBMITTALS:

SUBMITTALS REQUIRED TO BE APPROVED BY GENERAL PERMIT PROGRAM REPRESENTATIVE SUBMITALS REQUIRED TO BE APPROVED BY GENERAL PERMIT PROGRAM REPRESENTATIVE INCLUDE: SUBMITALS TRIGGERED BY CITY OF AUSTIN SERIES ON SPECIFICATIONS AND RELATED SPECIAL. PROVISIONSSPECIFICATIONS, CONSTRUCTION SCHEDULE, TREE PROTECTION, PS. AND OTHER ROOT ZOME PROTECTION/MITICATION SCHEDULE, TREE PROTECTION, PS. AND OTHER ROOT ZOME PROTECTION/MITICATION ASSAURS, DEWNTERING PLAN, WATERING SCHEDULE FOR REVEGETATION AREAS, AND ANY VEGETATIVE REPLACEMENT PROPOGOSALS, IN FOT ALREADY PART OF THE PERMITTED PLAN SET.

CITY OF AUSTIN - STANDARD NOTES TREE AND NATURAL AREA PROTECTION (MODIFIED FOR USE ON GENERAL PERMIT PROJECTS)

- ALL TREES AND NATURAL AREAS SHOWN ON PLAN TO BE PRESERVED. SHALL BE PROTECTED DURING CONSTRUCTION WITH TEMPORARY MEASURES.
- PROTECTIVE MEASURES SHALL BE INSTALLED ACCORDING TO CITY OF AUSTIN STANDARDS
- PROTECTIVE MEASURES SHALL BE INSTALLED PRIOR TO THE START OF ANY SITE PREPARATION WORK (CLEARING, GRUBBING OR GRADING), AND SHALL BE MAINTAINED THROUGHOUT ALL PHASES OF THE PROJECT.
- FROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED OR MAINTAINED IN A MANNER WHICH DOES NOT RESULT IN SOIL BUILD-UP, COMPACTION OR CUTTING OF CRITICAL ROOT ZONE WITHIN TREE DRIP LINES.
- 5. TREE PROTECTION SHALL COMPLETELY SURROUND THE TREES OR GROUP OF TREES AND WILL BE LOCATED AT THE OUTERMOST LIMIT OF BRANCHES (DRIP LINE). FOR NATURAL AREAS, PROTECTIVE MEASURES SHALL FOLLOW THE LIMIT OF CONSTRUCTION LINE, IN ORDER TO PREVENT THE FOLLOWING:
- A. SOIL COMPACTION IN THE ROOT ZONE AREA RESULTING FROM VEHICULAR TRAFFIC OR STORAGE OF EQUIPMENT OR MATERIALS.

 ROOT ZONE DISTURBANCES DUE TO GRADE CHANGES (GREATER THAN 6 INCHES CUT OR FILL) ON TREVIEWED AND AUTHORIZED BY THE GENERAL PERMIT PROGRAM OFFICE OF THE PLANING AND DEVELOPMENT REVIEWED FROM THE PROGRAM OFFICE OF THE PLANING AND DEVELOPMENT REVIEWED FROM THE PROGRAM OFFICE OF THE PLANING AND DEVELOPMENT REVIEWED FROM THE PROGRAM OFFICE OF THE PLANING AND DEVELOPMENT REVIEWED FROM THE PROGRAM OFFICE OFFI PLANING AND DEVELOPMENT REVIEWED FROM THE PROGRAM OFFI OFFI OFFI PLANING AND DEVELOPMENT REVIEWED FROM THE PROGRAM OFFI OFFI OFFI PLANING AND DEVELOPMENT REVIEWED FROM THE PROGRAM OFFI OFFI OFFI PLANING AND DEVELOPMENT REVIEWED FROM THE PROGRAM OFFI OFFI PLANING AND DEVELOPMENT REVIEWED FROM THE PROGRAM OFFI OFFI PLANING AND DEVELOPMENT AND THE PROGRAM OFFI PLANING AND THE PLANING AND THE PROGRAM OFFI PLANING AND
- CLEANING, AND FIRES.
- EXCEPTIONS TO INSTALLING PROTECTIVE FENCES AT CRITICAL ROOT ZONES MAY BE RMITTED IN THE FOLLOWING CASES:
- A WHERE THERE IS TO BE AN APPROVED GRADE CHANGE IMPERMEABLE DAVING SURFACE TREE WELL, OR OTHER SUCH SITE DEVELOPMENT, ERECT THE FENCE APPROXIMATELY 2 FEET BEYOND THE AREA DISTURBED;
- ERE PERMEABLE PAVING IS TO BE INSTALLED. ERECT THE FENCE AT THE OUTER LIMITS OF THE PERMEABLE PAVING AREA:

- C. WHERE TREES ARE CLOSE TO PROPOSED BUILDINGS, ERECT THE FENCE NO CLOSER THAN 6 FEET TO THE BUILDING:

 1. WHERE THERE ARE SEVERE SPACE CONSTRAINTS DUE TO TRACT SIZE, OR OTHER SPECIAL REQUIREMENTS, CONTACT THE GENERAL PERMIT PROGRAM OFFICE AT 974-5330 TO DISCUSS ALTERNATIVES.

SPECIAL NOTE: FOR THE PROTECTION OF NATURAL AREAS, NO EXCEPTIONS TO INSTALLING FENCES AT THE LIMIT OF CONSTRUCTION LINE WILL BE PERMITTED

WHERE ANY OF THE ABOVE EXCEPTIONS RESULT IN A FENCE 5 FEET OR CLOSER TO A TREE TRUNK, PROTECT THE TRUNK WITH STRAPPED-ON PLANKING TO A HEIGHT OF 8 FEET (OR TO THE LIMITS OF LOWER BRANCHING) IN ADDITION TO THE REDUCED FENCING.

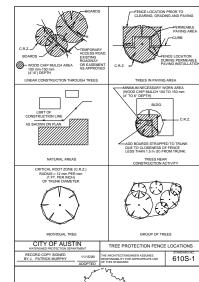
- WHERE ANY OF THE ABOVE EXCEPTIONS RESULT IN AREAS OF UNPROTECTED ROOT ZONES THOSE AREAS SHOULD BE COVERED WITH 12 INCHES OF ORGANIC MUICH TO MINIMIZE SOIL COMPACTION DURING CONSTRUCTION. FILTER FABRIC UNDERLAYMENT MAY BE REQUIRED AT DIRECTION OF GENERAL PERMIT PROGRAM REPRESENTATIVE BASED ON SITE CONDITIONS AND CONSTRUCTION ACTIVITIES. MAXIMUM FOUR (4) INCHES DEPTH MAY BE LEFT IN PLACE AFTER CONSTRUCTION WITH APPROVAL FROM THE GENERAL PERMIT PROGRAM REPRESENTATIVE.
- ALL GRADING WITHIN PROTECTED ROOT ZONE AREAS SHALL BE DONE BY HAND OR WITH SMALL EQUIPMENT TO MINIMIZE ROOT DAMAGE. PRIOR TO GRADING, RELOCATE PROTECTIVE FENCES TO 2 FEET BEHIND THE GRADE CHANGE AREA.
- SOIL BACKFILL ROOT AREAS WITH GOOD QUALITY TOP SOIL AS SOON AS POSSIBLE. IF EXPOSED ROOT AREAS ARE NOT BACKFILLED WITHIN 2 DAYS, COVER THEM WITH OR ROANNE MATERIAL IN A MANNER WHICH REDUCES SOIL TEMPERATURE AND MINIMIZES WATER LOSS DUE TO EVAPORATION.
- 10. PRIOR TO EXCAVATION OR GRADE CUTTING WITHIN TREE DRIPLINES, MAKE A CLEAN CUT BETWEEN THE DISTURBED AND UNDISTURBED ROOT ZONES WITH A ROCK SAW OR SIMILAR EQUIPMENT TO MINIMIZE DAMAGE TO REMAINING ROOTS.
- 11 TREES MOST HEAVILY IMPACTED BY CONSTRUCTION ACTIVITIES SHOULD BE WATERED DEEPLY ONCE A WEEK DURING PERIODS OF HOT, DRY WEATHER. TREE CROW SPRAYED WITH WATER PERIODICALLY TO REDUCE DUST ACCUMULATION ON THE LEAVES.
- 12. ANY TRENCHING REQUIRED FOR THE INSTALLATION OF LANDSCAPE IRRIGATION SHALL BE PLACED AS FAR FROM EXISTING TREE TRUNKS AS POSSIBLE.
 - NO LANDSCAPE TOPSOIL DRESSING GREATER THAN 4 INCHES SHALL BE PERMITTED WITHIN DRIPLINE OF TREES. NO SOIL IS PERMITTED ON THE ROOT FLARE OF ANY TREE.
- 14 PRUNING TO PROVIDE CLEARANCE FOR STRUCTURES VEHICULAR TRAFFIC AND FOUIPMENT SHALL TAKE PLACE BEFORE CONSTRUCTION REGINS. SEE NOTE THREE (3) OF SUPPLEMENTAL REE PROTECTION NOTES FOR ADDITIONAL REQUIREMENTS.
- 15. ALL FINISHED PRUNING MUST BE DONE ACCORDING TO RECOGNIZED, APPROVED STANDARDS OF THE INDUSTRY (REFERENCE THE NATIONAL ARBORIST ASSOCIATION PRUNING STANDARDS FOR SHADE TREES AVAILABLE ON REQUEST FROM THE GENERAL PERMIT PROGRAM
- 16. DEVIATIONS FROM THE ABOVE NOTES MAY BE CONSIDERED ORDINANCE VIOLATIONS IF THERE IS SUBSTANTIAL NONCOMPLIANCE OR IF A TREE SUSTAINS DAMAGE AS A RESULT.
- 17. TREES APPROVED FOR REMOVAL SHALL BE REMOVED IN A MANNER WHICH DOES NOT IMPACT TREES TO BE PRESERVED

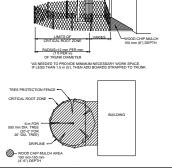
SUPPLEMENTAL TREE PROTECTION NOTES

- 1 ALL TREE PROTECTION MUST COMPLY WITH CITY OF AUSTIN REQUIREMENTS AS QUITLINED IN THE ENVIRONMENTAL CRITERIA MANUAL AND AS INDICATED BY STANDARD COA NOTES AND DETAILS INCLUDED WITHIN THIS DOCUMENT SET. CONTRACTOR SHALL INSTALL PROTECTION PRIOR TO PRE-CONSTRUCTION CONFERENCE, MAKE ADJUSTMENTS TO PROTECTION AS DIRECTED BY THE GPP REPRESENTATIVE, AND MAINTAIN PROTECTION UNTIL PROJECT IS COMPLETE
- GENERAL PERMIT PROGRAM (GPP) REPRESENTATIVE PRIOR TO CONSTRUCTION.
- 3. WALK-THROUGH: CONTRACTOR SHALL CONDUCT WALK-THROUGH MEETING WITH GENERAL PERMIT PROGRAM REPRESENTATIVE PRIOR TO PERFORMING ANY PRUINING ACTIVITIES OF REES IN PROJECT AREA. PURPOSS OF WALK-THROUGH WILL BE TWOFOLD. ONE PURPOS WILL BE TO DETERMINE THE MINIMUM, AMOUNT OF PRUINING NECESSARY TO ALLO CONSTRUCTION WORK TO BE COMPLETED. SECOND PURPOSS WILL BE TO DETERMINE AREA OF PROJECTION WHICH EXHAUST DIVERTERS WILL BE REQUIRED ON CONSTRUCTION EQUIPMENT TO PREVENT SCORCHING OF EXISTING TREES.
- ALL PRUNING MUST BE PERFORMED IN ACCORDANCE WITH ANSI A300 (PART 1) 2001 AMERICAN NATIONAL STANDARD FOR TREE CARE OPERATIONS (PRUNING), OR LATEST APPROVED VERSION. THIS DOCUMENT MAY BE OBTAINED ONLINE FOR A FEE AT WWW.ANSI.ORG.
- . PRUNING SHALL BE DONE WITH CLEAN, SHARP TOOLS. TO PREVENT BARK TEARS, THE VEIGHT OF THE BRANCH SHALL BE REMOVED BEFORE MAKING FINAL PRUNING CUT.

- 9. PRUNING CUTS OR DAMAGED AREAS ON AN OAK TREE SHALL BE PAINTED WITHIN FIVE MINUTES WITH A STANDARD TREE WOUND DRESSING. TREE WOUND DRESSING SHALL BE EITHER TREENOF AEROSOL, OR TANGLEFOOT PRUNING SEALER (OR APPROVED EQUAL). THIS ALSO APPLIES TO WOUNDS CREATED BY CONSTRUCTION VEHICLES OR EQUIPMENT. ALL PRUNING MUST BE M ACCORDANCE WITH COAD OAK WITT PREVENTION POLICY.
- 10. ANY TREE ROOTS THAT ARE EXPOSED, CUT. OR TORN DURING CONSTRUCTION ACTIVITY SHALL BE PRUNED FLUSH WITH THE SURROUNDING SOIL. (REFER ALSO TO NUMBER 9 OF THE TREE AND NATURAL AREA PROTECTION NOTES INCLUDED IN THIS PLAN SET.)
- 11. ALL TRENCHING WITHIN THE CRITICAL ROOT ZONE OF A TREE TO BE PRESERVED WILL BE SAW CUT OR EXCAVATED BY HAND, AS APPROVED BY THE GENERAL PERMIT PROGRAM
- 12. REFER TO ENVIRONMENTAL CRITERIA MANUAL APPENDIX P-6 FOR FURTHER REMEDIAL TREE CARE REQUIREMENTS. P-8 REMEDIAL TREE CARE WILL BE COORDINATED WITH AND APPROVED BY THE GENERAL PERMIT PROGRAM.

 THROUGH THE GENERAL PERMIT PROGRAM.





CITY OF AUSTIN TREE PROTECTION F MODIFIED TYPE A - CH/ 610S-4 GENERAL PERMIT OFFICE
TREE PROTECTION
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I'T OF AUSTIN STANDARD NOTES AND DETALS Ŏ M $\overline{\Gamma}$ Ш A P ◁ \square

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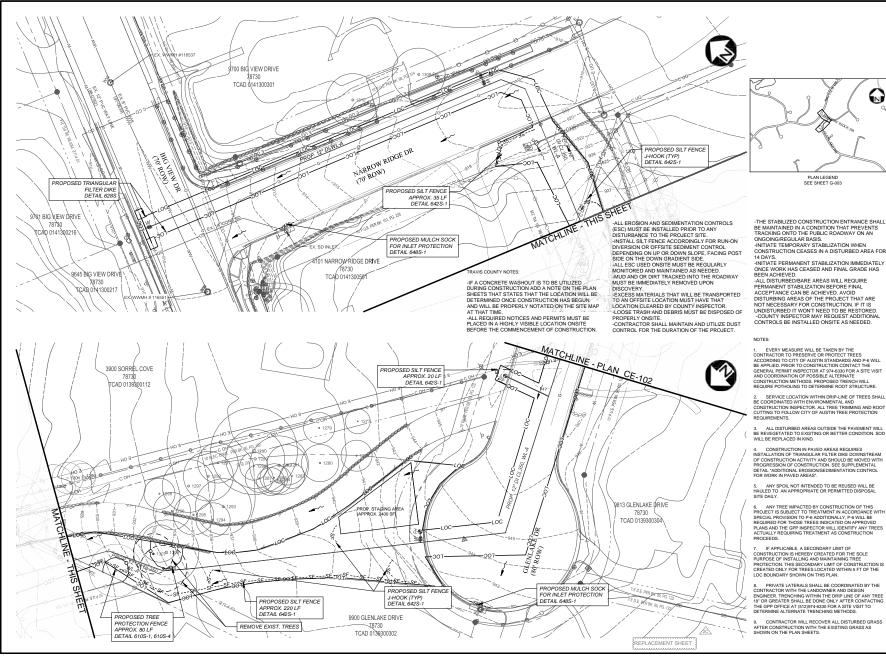
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GLENLAKE PUMP STATION BYPASS IMPROVEMENTS

CITY OF AI DEPARTMENT C ENGINEERING S

PLAN.

CONTROL OF 2

& SEDIMENTATION PHASE1 SHEET 1

EROSION

CONSTRUCTION CEASES IN A DISTURBED AREA FOR 14 DAYS.
-INITIATE PERMANENT STABILIZATION IMMEDIATELY AUSTIN, TEXAS IT OF PUBLIC WORKS S SERVICES DIVISION

ONCE WORK HAS CEASED AND FINAL GRADE HAS BEEN ACHIEVED.
-ALL DISTURBED/BARE AREAS WILL REQUIRE

PLAN LEGEND

SEE SHEET G-003

PERMANENT STABILIZATION BEFORE FINAL ACCEPTANCE CAN BE ACHIEVED. AVOID DISTURBING AREAS OF THE PROJECT THAT ARE NOT NECESSARY FOR CONSTRUCTION IF IT IS UNDISTURBED IT WON'T NEED TO BE RESTORED.
-COUNTY INSPECTOR MAY REQUEST ADDITIONAL CONTROLS BE INSTALLED ONSITE AS NEEDED.

- EVERY MEASURE WILL BE TAKEN BY THE CONTRACTOR TO PRESERVE OR PROTECT TREES ACCORDING TO CITY OF AUSTIN STANDARDS AND P-6 WILL BE APPLIED. PRIOR TO CONSTRUCTION CONTRACT THE GENERAL PERMIT INSPECTOR AT 974-830 FOR A SITE VISIT AND COORDINATION OF POSSIBLE ALTERNATE CONSTRUCTION METHODS. PROPOSED TRENCH WILL REQUIRE POTHOLING TO DETERMINE ROOT STRUCTURE.
- 2. SERVICE LOCATION WITHIN DRIP-LINE OF TREES SHALL BE COORDINATED WITH ENVIRONMENTAL AND CONSTRUCTION INSPECTOR. ALL TREE TRIMMING AND ROOT CUTTING TO FOLLOW CITY OF AUSTIN TREE PROTECTION REQUIREMENTS.
- 3. ALL DISTURBED AREAS OUTSIDE THE PAVEMENT WILL BE REVEGETATED TO EXISTING OR BETTER CONDITION. SOD WILL BE REPLACED IN KIND.
- CONSTRUCTION IN PAVED AREAS REQUIRES INSTALLATION OF TRIANGULAR FILTER DIKE DOWNSTREAM
 OF CONSTRUCTION ACTIVITY AND SHOULD BE MOVED WITH
 PROGRESSION OF CONSTRUCTION. SEE SUPPLEMENTAL DETAIL "ADDITIONAL EROSION/SEDIMENTATION CONTROL FOR WORK IN PAVED AREAS".
- 5. ANY SPOIL NOT INTENDED TO BE REUSED WILL BE HAULED TO AN APPROPRIATE OR PERMITTED DISPOSAL SITE DAILY.
- 6. ANY TREE IMPACTED BY CONSTRUCTION OF THIS PROJECT IS SUBJECT TO TREATMENT IN ACCORDANCE WITH SPECIAL PROVISION TO P-6 ADDITIONALLY, P-6 WILL BE REQUIRED FOR THOSE TREES INDICATED ON APPROVED PLANS AND THE GPP INSPECTOR WILL IDENTIFY ANY TREES ACTUALLY REQUIRING TREATMENT AS CONSTRUCTION
- 7. IF APPLICABLE, A SECONDARY LIMIT OF CONSTRUCTION IS HEREBY CREATED FOR THE SOLE PURPOSE OF INSTALLING AND MAINTAINING TREE PROTECTION. THIS SECONDARY LIMIT OF CONSTRUCTION IS CREATED DOLLY FOR TREES LOCATED WITHIN 5 FT OF THE
- PRIVATE LATERALS SHALL BE COORDINATED BY THE PRIVALE LATERALS STALL BE COURDINATED BY THE CONTRACTOR WITH THE LANDOWNER AND DESIGN ENGINEER. TRENCHING WITHIN THE DRIP LINE OF ANY TREE 18' OR GREATER SHALL BE DONE ONLY AFTER CONTACTING THE GPP OFFICE AT (512)974-6330 FOR A SITE VISIT TO DETERMINE ALTERNATE TRENCHING METHODS.
- 9. CONTRACTOR WILL RECOVER ALL DISTURBED GRASS AFTER CONSTRUCTION WITH THE EXISTING GRASS AS SHOWN ON THE PLAN SHEETS.

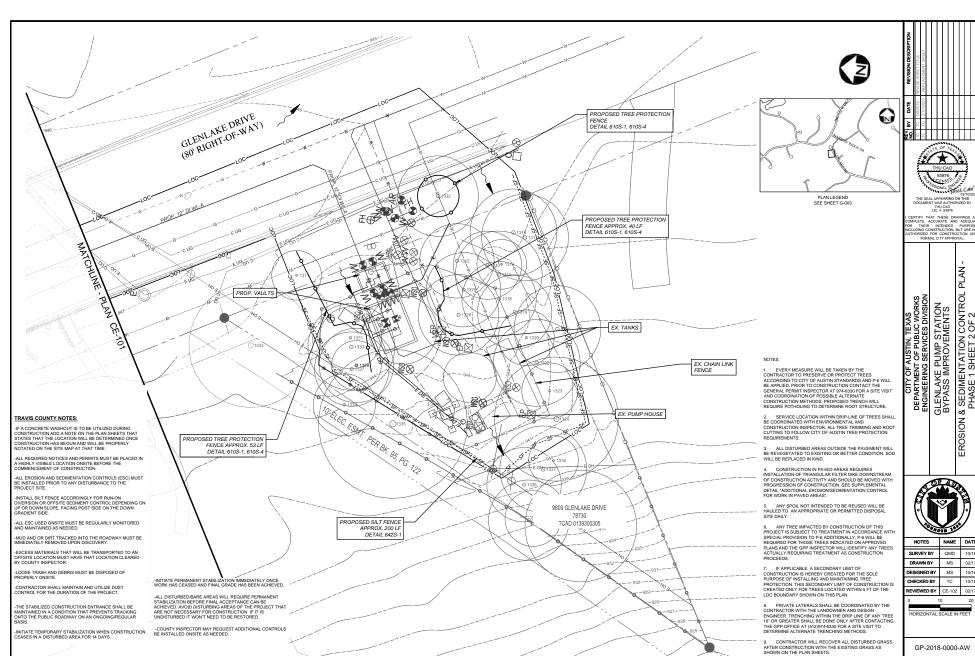


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ESIGNED BY	MS	10/16
HECKED BY	TC	10/16
EVIEWED BY	ESD	02/17
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HORIZONTAL SCALE IN FEET

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CE-101 9 OF 55



REPLACEMENT SHEET 20

GLENLAKE PUMP STATION BYPASS IMPROVEMENTS SEDIMENTATION (**EROSION &**

THU CAO LIC. # 93976

PLAN.

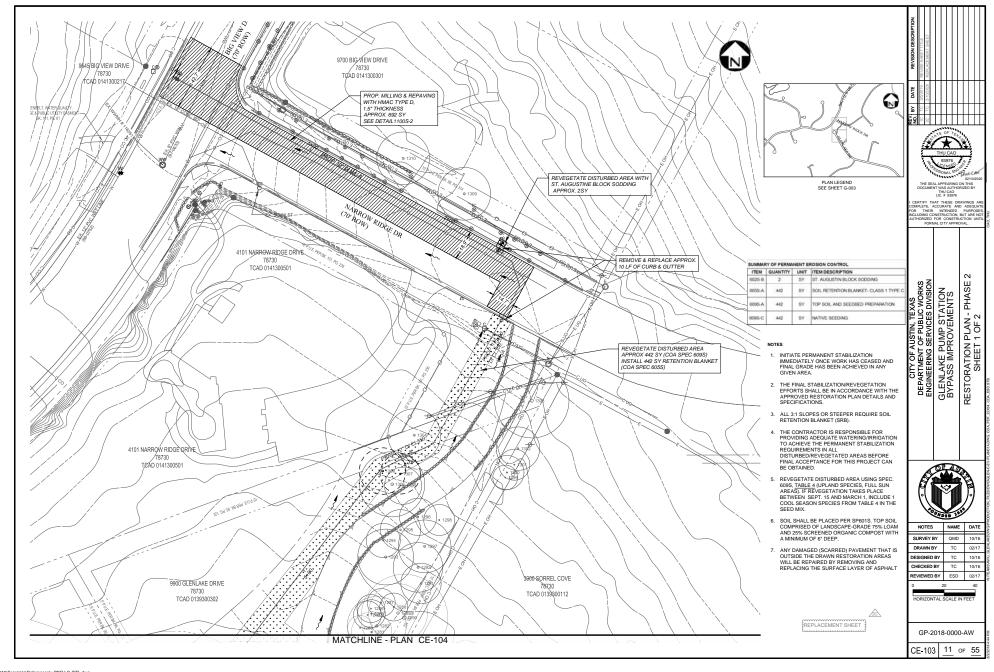
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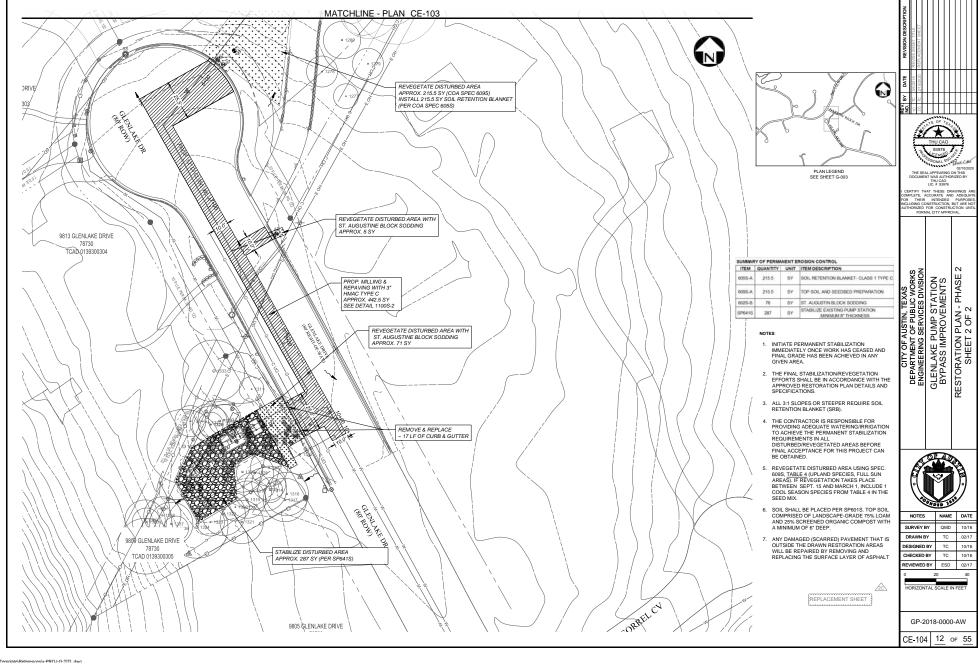
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	TREE SURVEY
#	DESCRIPTION
1277	8" CEDAR MULT-STEM
1278	10" CEDAR MULTI-STEM
1279	10" CEDAR MULTI-STEM
1280	12" CEDAR MULTI-STEM
1281	13" CEDAR MULTI-STEM
1282	19" CEDAR MULTI-STEM
1283	8" LIVE OAK
1284	9" CEDAR
1285	9" CEDAR
1286	9" CEDAR
1287	9" CEDAR
1288	9" CEDAR
1289	19" CEDAR
1290	28" CEDAR
1291	13" CEDAR
1292	16" CEDAR MULTI-STEM
1293	18" LIVE OAK MULTI-STEM
1294	11" LIVE OAK
1295	13" CEDAR
1296	12" CEDAR
1297	17" CEDAR MULTI-STEM
1298	10" CEDAR
1299	8" CEDAR
1300	11" CEDAR MULTI-STEM
1301	10" CEDAR MULTI-STEM
1302	14" CEDAR MULTI-STEM
1303	24" CEDAR
1304	17" CEDAR MULTI-STEM
1305	12" LIVE OAK
1306	21" CEDAR MULTI-STEM

	TREE SURVEY
#	DESCRIPTION
1307	13" CEDAR **
1308	15" CEDAR **
1309	17" CHINESE PISTACHIO MULTI-STEN
1310	17" CHINESE PISTACHIO
1311	8" RED OAK MULTI-STEM
1312	12" LIVE OAK
1313	11" LIVE OAK
1314	8" CEDAR
1315	14" LIGUSTRUM MULTI-STEM
1316	14" LIVE OAK
1317	14" LIVE OAK
1318	12" LIVE OAK
1319	12" LIGUSTRUM MULTI-STEM
1320	9" LIGUSTRUM MULTI-STEM
1321	14" CEDAR MULTI-STEM
1322	14" LIGUSTRUM MULTI-STEM
1323	9" LIGUSTRUM MULTI-STEM
1324	20" LIGUSTRUM MULTI-STEM
1325	12" LIGUSTRUM MULTI-STEM
1326	13" LIVE OAK
1327	12" LIVE OAK
1328	12" LIVE OAK
1329	8" LIVE OAK
1330	14" LIVE OAK
1331	10" LIVE OAK
1332	13" LIVE OAK
1333	20° CEDAR MULTI-STEM
1334	10" CEDAR MULTI-STEM
1335	24" CEDAR MULTI-STEM
1336	8" CEDAR

	TREE SURVEY
#	DESCRIPTION
1337	14" CEDAR MULTI-STE
1338	12" CEDAR MULTI-STE
1339	13" LIVE OAK
1340	9° CEDAR MULTI-STEN
1341	18" CEDAR MULTI-STE

** = TO BE REMOVED

TREE MITIGATION

TREE CLASSIFICATION	HERITAGE	> THAN 19" (LOCATED IN APPENDIX F)	8" TO 18.9" (LOCATED IN APPENDIX F)	> THAN 19" (NOT LOCATED IN APPENDIX F)	8" TO 18.9" (NOT LOCATED IN APPENDIX F)	< THAN 8" (LOCATED IN APPENDIX F)	< THAN 8" (NOT LOCATED IN APPENDIX F)
REPLACEMENT %	0" @ 300%	0* @ 100%	28" @ 50%	0" @ 50%	0" @ 25%	0" @ 50%	0" @ 25%
CALIPER INCHES TO BE REPLACED	0*	0"	14"	0*	0"	0*	0*
TOTAL CALIPER INCHES REPLACED	0"	0"	0*	0*	0*	0*	0*

APPROVED BY ____ON___

TREE MITIGATION TO BE PAID BY SPONSOR



TREE LIST AND TREE MITIGATION TABLE

CITY OF AUSTIN, TEXAS
DEPARTMENT OF BUBLIC WORKS
ENGINEERING SERVICES DIVISION
GLENLAKE PUMP STATION
BYPASS IMPROVEMENTS

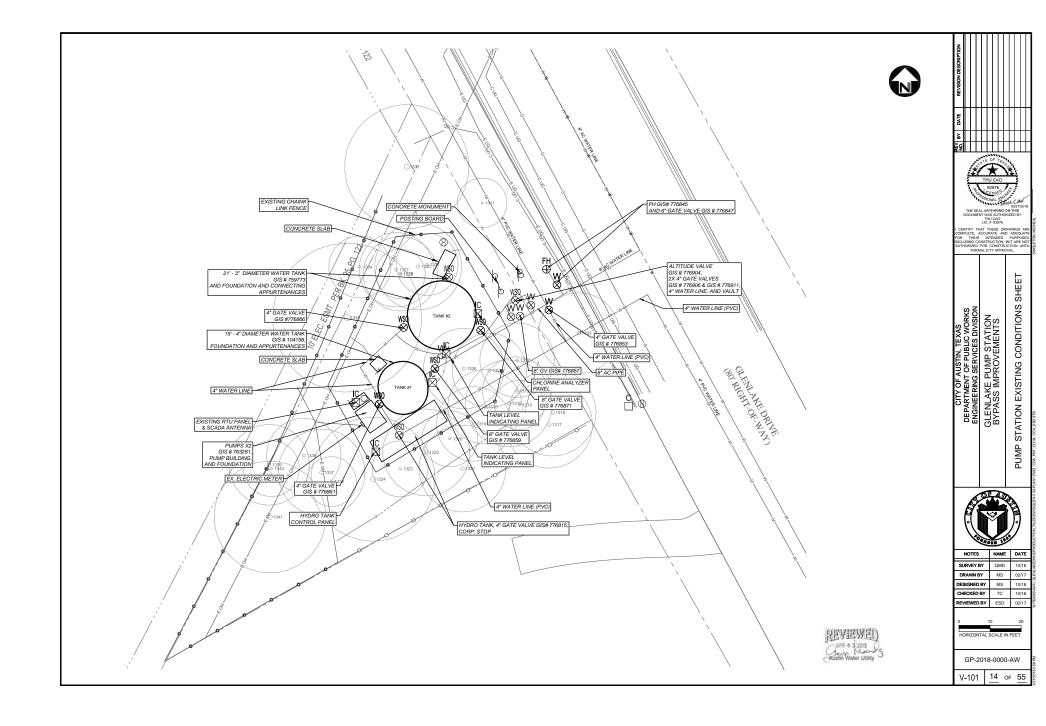


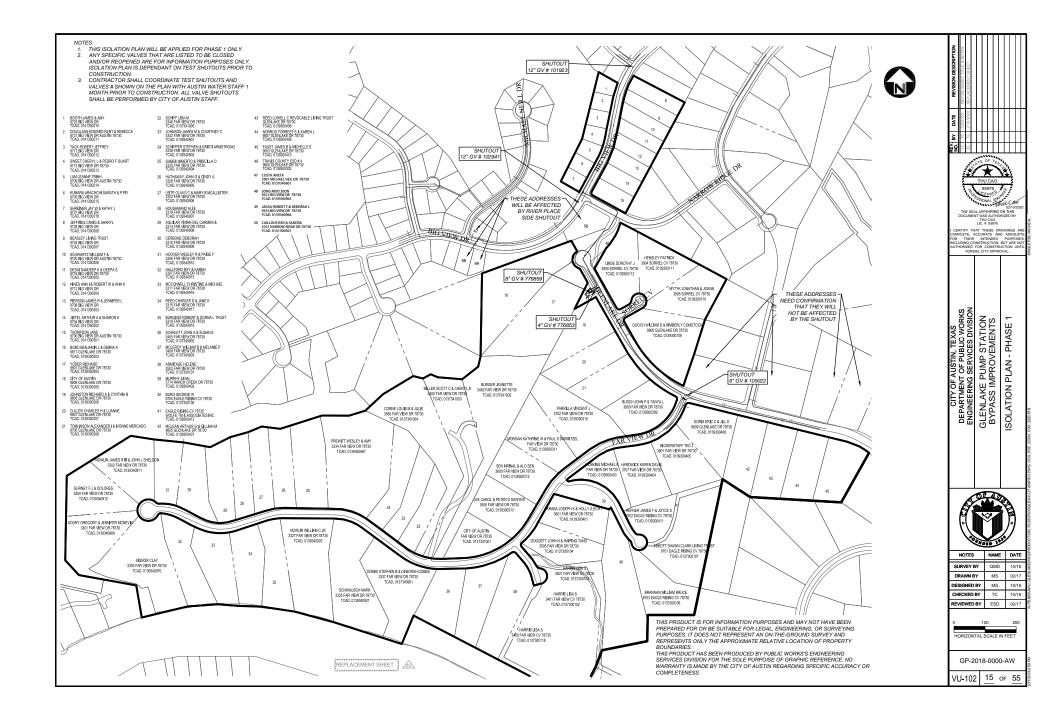
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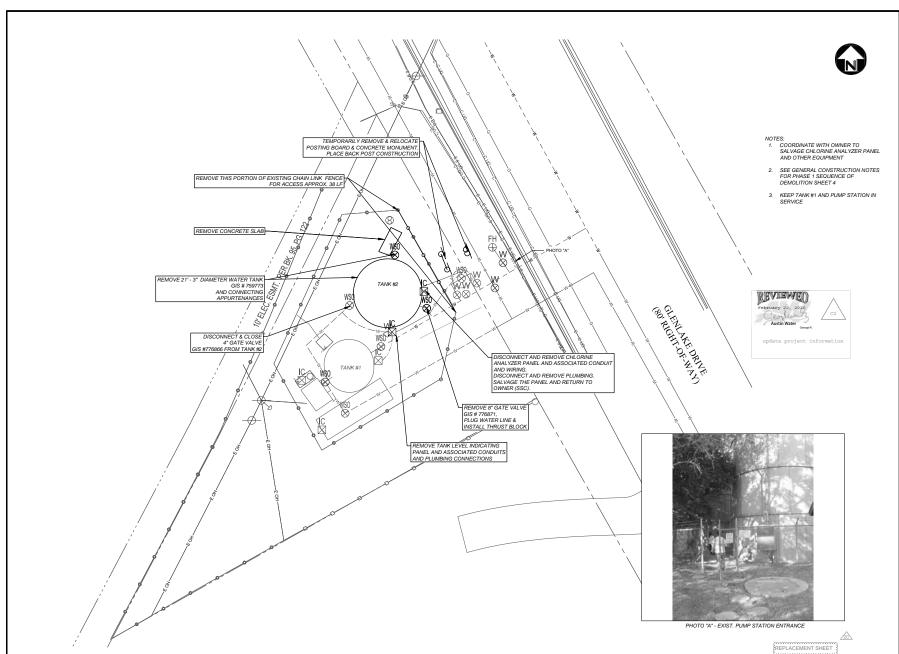


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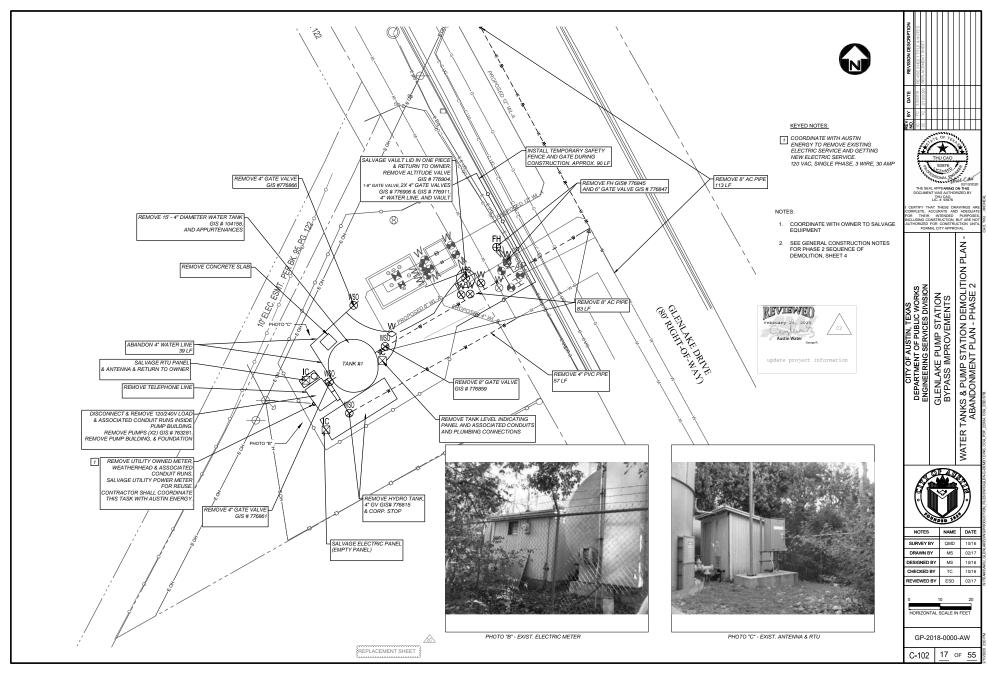
WATER TANKS & PUMP STATION DEMOLITION PLAN-PHASE 1

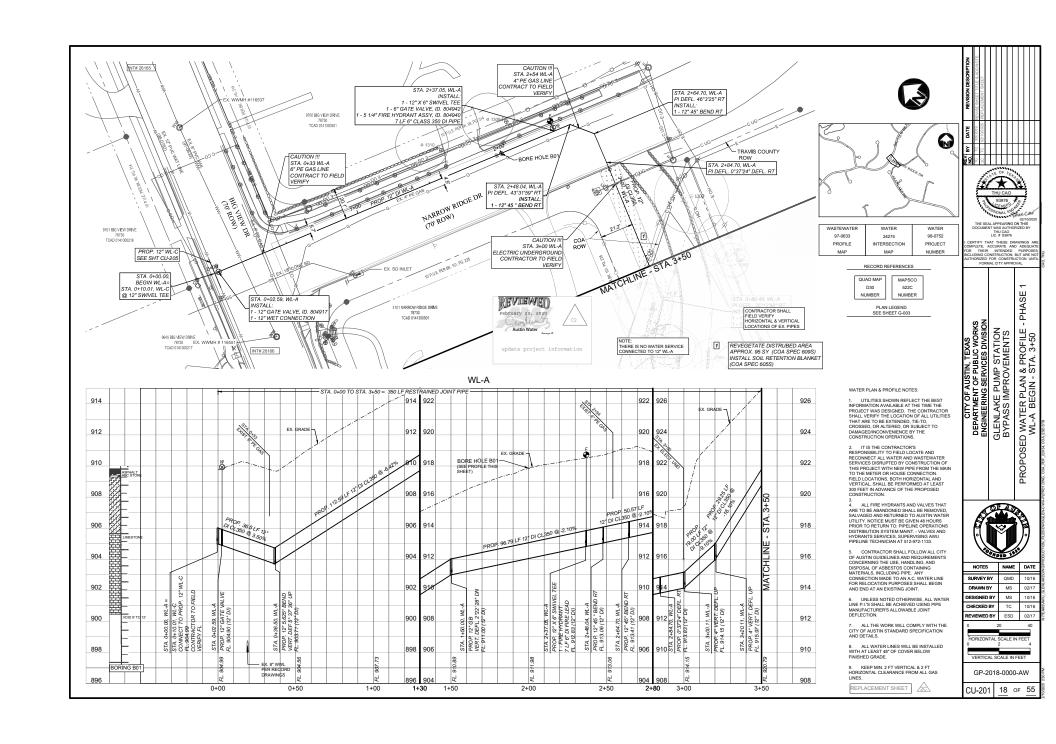
CITY OF AUSTIN, TEXAS DEPARTMENT OF PUBLIC WORKS ENGINEERING SERVICES DIVISION GLENLAKE PUMP STATION BYPASS IMPROVEMENTS

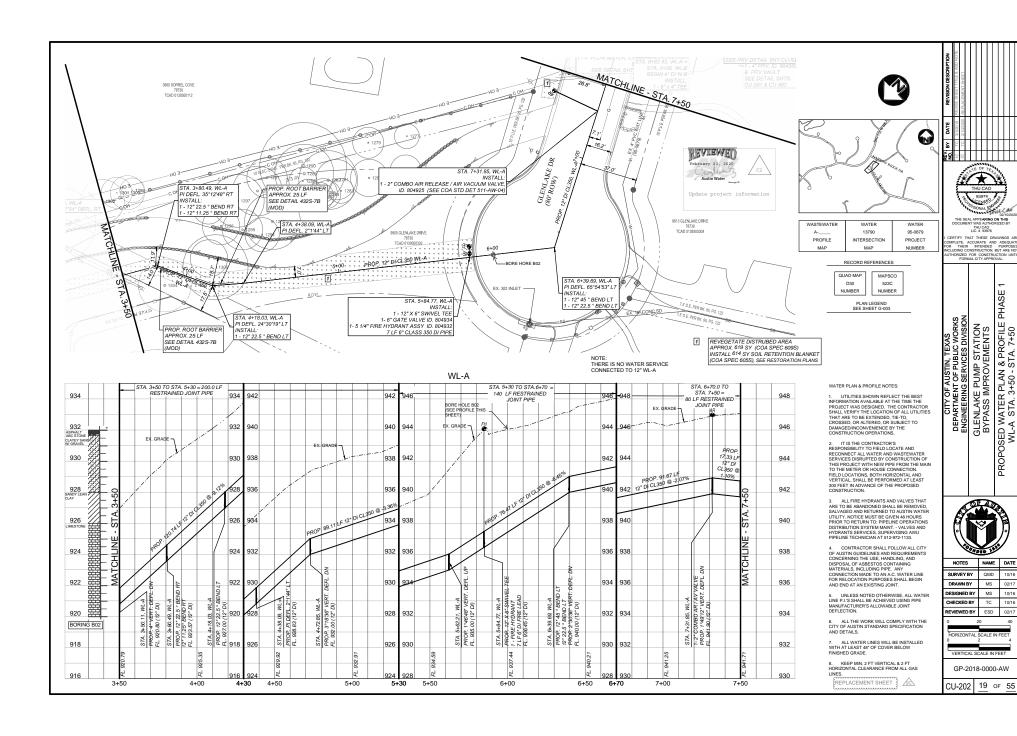
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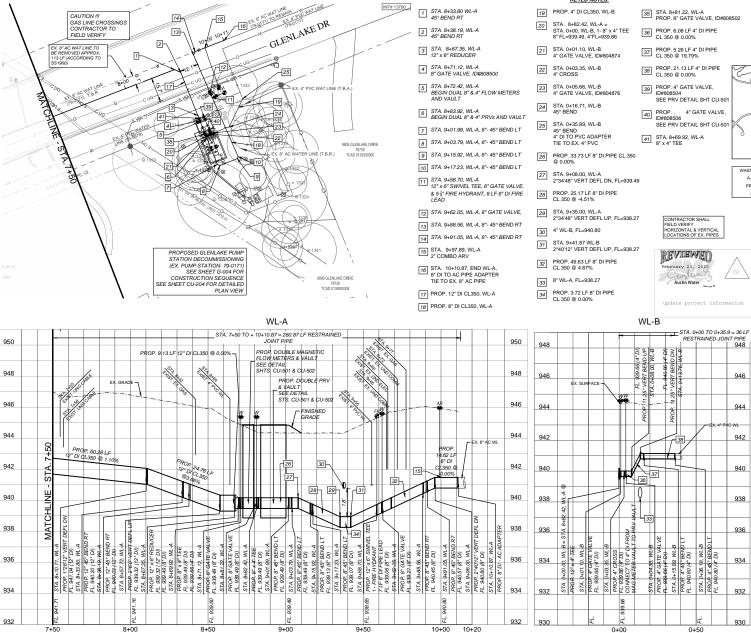
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KEYED NOTES:

- 19 PROP. 4" DI CL350, WL-B
 - 35 STA. 8+81.22, WL-A PROP. 8" GATE VALVE, ID#808502





WATER

70-0171

PROJECT

NUMBER



AUSTIN, TEXAS IT OF PUBLIC WORKS S SERVICES DIVISION

CITY OF A DEPARTMENT (ENGINEERING 5

GLENLAKE PUMP STATION BYPASS IMPROVEMENTS



INTERSECTION MAP RECORD REFERENCES

WATER

13790

QUAD MAP MAPSCO D30 522C NUMBER

NOTE:

946

944

942

940

938

934

932

930

WASTEWATER

PROFILE.

SEE SHEET CU-204, & CU-205 FOR PLAN VIEW OF PROPOSED PRV. FLOW METER, AND PRESSURE POINT MONITORING STATION

WATER PLAN & PROFILE NOTES:

- UTILITIES SHOWN REFLECT THE BEST INFORMATION AVAILABLE AT THE TIME THE PROJECT WAS DESIGNED. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES THAT ARE TO BE EXTENDED, TIE-TO, CROSSED, OR ALTERED, OR SUBJECT TO DAMAGED/INCONVENIENCE BY THE CONSTRUCTION OPERATIONS.
- IT IS THE CONTRACTOR'S 2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE AND RESPONSIBILITY TO FIELD LOCATE AND RECONNECT ALL WATER AND WASTEWATER SERVICES DISRUPTED BY CONSTRUCTION OF THIS PROJECT WITH NEW PIPE FROM THE MAIN TO THE METER OR HOUSE CONNECTION. FIELD LOCATIONS, BOTH HORIZONTAL AND VERTICAL, SHALL BE PERFORMED AT LEAST 300 FEET IN ADVANCE OF THE PROPOSED CONSTRUCTION.
- ALL FIRE HYDRANTS AND VALVES THAT ARE TO BE ABANDONED SHALL BE REMOVED, SALVAGED AND RETURNED TO AUSTIN WATER SALVAGED AND RETURNED TO AUSTIM WAT UTILITY. NOTICE MUST BE GIVEN 48 HOURS PRIOR TO RETURN TO: PIPELINE OPERATIONS DISTRIBUTION SYSTEM MAINT. - VALVES AND HYDRANTS SERVICES, SUPERVISING AWU PIPELINE TECHNICIAN AT 512-972-1133.
- CONTRACTOR SHALL FOLLOW ALL CITY OF AUSTIN GUIDELINES AND REQUIREMENTS CONCERNING THE USE, HANDLING, AND DISPOSAL OF ASBESTOS CONTAINING MATERIALS INCLUDING PIPE ANY CONNECTION MADE TO AN A.C. WATER LINE FOR RELOCATION PURPOSES SHALL BEGIN AND END AT AN EXISTING JOINT.
- 5. UNLESS NOTED OTHERWISE, ALL WATER LINE P.I.'S SHALL BE ACHIEVED USING PIPE MANUFACTURER'S ALLOWABLE JOINT DEFLECTION.
- ALL THE WORK WILL COMPLY WITH THE CITY OF AUSTIN STANDARD SPECIFICATION AND DETAILS.
- ALL WATER LINES WILL BE INSTALLED WITH AT LEAST 48" OF COVER BELOW FINISHED GRADE.
- 8. KEEP MIN. 2 FT VERTICAL & 2 FT HORIZONTAL CLEARANCE FROM ALL GAS LINES.

 REPLACEMENT SHEET

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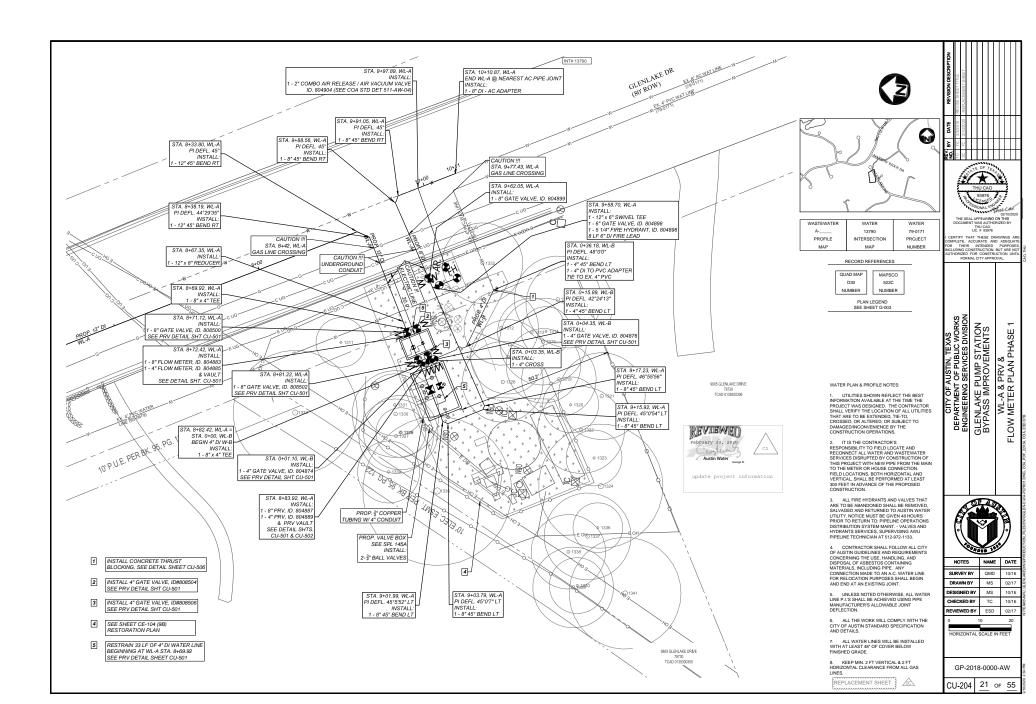
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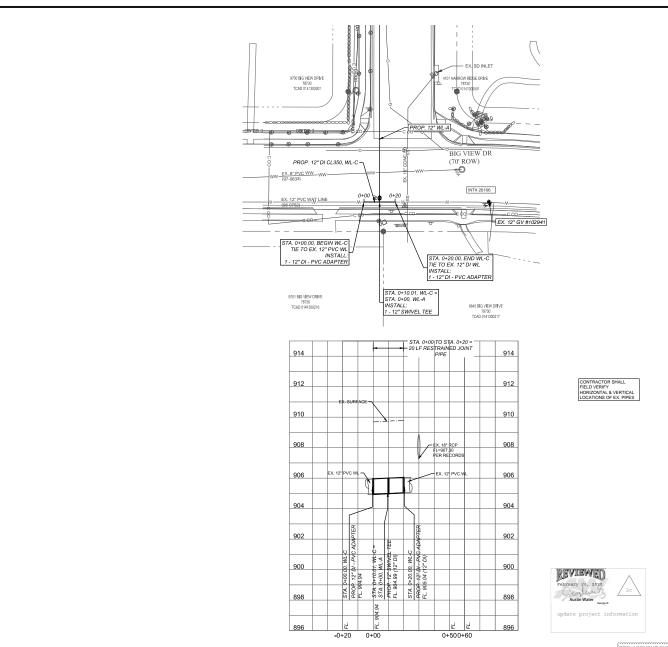
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CU-203 20 of 55

OSED WATER PLAN & STA. 3+50 - STA. 7+50 PROPO WL-A S

PROFILE - PHASE ' & WL-B BEGIN-END









VASTEWATER 97-0633	WATER 13790	WATER 79-0171
PROFILE	INTERSECTION	PROJECT
MAP	MAP	NUMBER

RECORD REFERENCES

522C
NUMBER

SEE SHEET G-003

WATER PLAN & PROFILE NOTES:

- JULIUTES SHOWN REFLECT THE BEST INFORMATION AVAILABLE AT THE TIME THE PROJECT WAS DESIGNED. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES THAT ARE TO BE EXTENDED. THE TO, CROSSED, OR ALTERED, OR SUBJECT TO DAMAGEBINGON/WEINENGE BY THE CONSTRUCTION OPERATIONS.
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- 6. ALL THE WORK WILL COMPLY WITH THE CITY OF AUSTIN STANDARD SPECIFICATION AND DETAILS.
- 7. ALL WATER LINES WILL BE INSTALLED WITH AT LEAST 48° OF COVER BELOW FINISHED GRADE.
- KEEP MIN. 2 FT VERTICAL & 2 FT HORIZONTAL CLEARANCE FROM ALL GAS LINES.



THE SEAL APPEARING ON THIS

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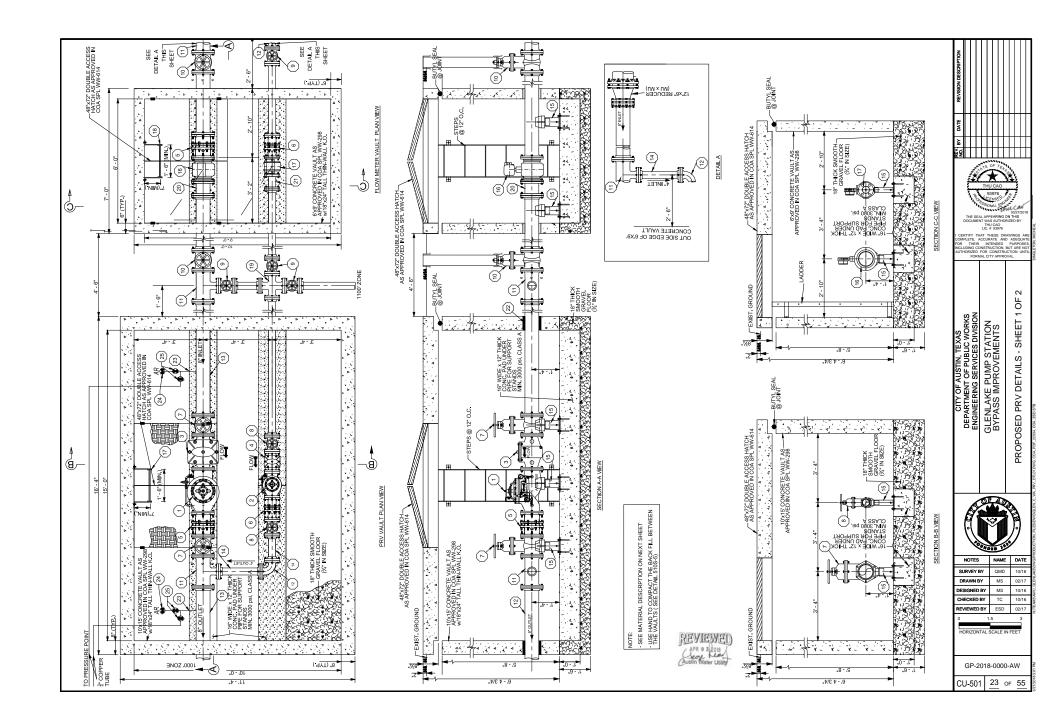
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REPLACEMENT SHEET 22

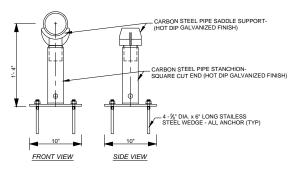


NOTES:

- ALL FABRICATED PIPE SECTIONS INSIDE VAULT SHALL CONFORM TO COA SPL WW-27 AND SPL WW-27E.
- ALL FITTINGS SHALL CONFORM TO COA SPL WW-27B. ALL FITTINGS SHALL BE RESTRAINED, MECHANICAL JOINTS OUTSIDE VAULT, WFLANGED OR UNI-FLANGED FITTINGS INSIDE VAULT. ALL COUPLINGS SHALL UTILIZE RESTRAINED JOINT SYSTEM.
- 3. TYPE 316 STAINLESS STEEL F-599 HEX BOLTS AND F-574 HEX NUTS c/w SAE STAINLESS STEEL WASHERS USED THROUGHOUT ASSEMBLY.
- 4. FULL FACE %" THICK RED RUBBER GASKETS USED THROUGHOUT ASSEMBLY.
- 5. PRESSURE REDUCING VALVE SHALL BE PRESET TO: 4" PRV P(OUT) = 31 PSI; 8" PRV P(OUT) = 23 PSI
- 6. INSTALL TEE WITH SHUT OFF VALVE (COA SPL WW-275) FOR PRESSURE GAUGE. INSTALL ALL NECESSARY COMPONENTS.
- 7. CAST OR CORE PIT DRILLED WALL OPENING.

- MAINTAIN MIN. 18" CLEAR SPACE ALL AROUND BETWEEN PRV VAULT AND VALVE.
- 9. CONTRACTORS TO VERIFY VALVE DIMENSION PRIOR TO SELECT THE PIPE SADDLE SUPPORT AND PIPE STANCHIONS

% THICK CARBON STEEL PLATE (HOT DIP GALVANIZED) 4 - % DIA. x 6" LONG STAINLESS STEEL WEDGE - ALL ANCHOR



 $\underbrace{\text{(15)}}_{\textit{N.T.S.}} \underbrace{\textit{SUPPORT STAND DETAILS}}_{\textit{N.T.S.}}$

MATERIAL LIST

ITEM	DESCRIPTION	SIZE	MIN. FLANGE RATING / TYPE	QΤ
1	CLA-VAL PRESSURE REDUCING VALVE PER COA SPL WW-319 NOTE: PILOT ARRANGEMENTS SHOWN FOR ILLUSTRATION ONLY	8"	ANSI CLASS 150	1
	NOTE: FILOT ARRANGEMENTS SHOWN FOR ILLUSTRATION ONET		FLG x FLG	
0	CLA-VAL PRESSURE REDUCING VALVE PER COA SPL WW-319 NOTE: PILOT ARRANGEMENTS SHOWN FOR ILLUSTRATION ONLY	4"	ANSI CLASS 150	1
	NOTE: PILOT ARRANGEMENTS SHOWN FOR ILLUSTRATION ONLY		FLG x FLG	
3	STRAINER PER COA SPL WW-319A, $\it CLA-VAL$ MODEL X43H H STYLE w/STANDARD 10 MESH (OR APPROVED EQUAL)	8"	ANSI CLASS 150	1
			FLG x FLG	
4	STRAINER PER COA SPL WW-319A, $\it CLA-VAL$ MODEL X43H $$ H STYLE w/STANDARD 10 MESH (OR APPROVED EQUAL)	4"	ANSI CLASS 150	1
			FLG x FLG	
5	DISMANTLING JOINT, ROMAC INDUSTRIES STYLE DJ405 (OR APPROVED EQUAL) w/ RomaGrip RESTRAINT, FUSION BONDED EPOXY COATED w/ STAINLESS STEEL HARDWARE PER COA SPL WW-27A	8"	AWWA CLASS D	1
6	DISMANTLING JOINT, ROMAC INDUSTRIES STYLE DJ405 (OR APPROVED EQUAL) W RomaGrip RESTRAINT, FUSION BONDED EPOXY COATED W STAINLESS STEEL HARDWARE PER COA SPL WW-27A	4"	AWWA CLASS D	1
7	RESILIENT-SEATED GATE VALVE PER COA SPL WW-700 (W/HANDWHEEL)	8"	FLG x FLG	2
(8)	RESILIENT-SEATED GATE VALVE PER COA SPL WW-700 (w/HANDWHEEL)	4"	FLG x FLG	2
9	RESILIENT-SEATED GATE VALVE PER COA SPL WW-700	4"	FLG x FLG	4
10	RESILIENT-SEATED GATE VALVE PER COA SPL WW-700	8"	FLG x FLG	2
11)	8"x4" TEE	8"x4"	FLG x FLG	2
(12)	4"x90° BEND	4"	FLG x FLG	2
(13)	8" DI CLASS 350 PIPE JOINT	8"	FLG x P.E.	2
(14)	4" DI CLASS 350 PIPE - SPOOL PIECE	4"	FLG x FLG	4
15	PIPE STANCHION SADDLE SUPPORT (AVIL INTERNATIONAL, INC.) FIG. 258 AND FIG. 62 OR APPROVED EQUAL, HOT DIP GALVANIZED FINISH) WITH 316 STAINLESS STEEL EXPANSION ANCHORS (See Support Details on This Sheet)			6
(6)	8" ELECTROMAGNETIC FLOW METER (ABB MODEL FEW 325.200)	8"		1
17	4" ELECTRO MAGNETIC FLOW METER (ABB MODEL FEW 325.100)	4"		1
18)	LADDER (HALLIDAY PRODUCT SERIES L1B LADDER & SERIES L1E EXTENTION) WITH 7" MIN. STAND OFF (FOR FLAT WALL)			2
19	4"x4" CROSS	4"x4"	FLG x FLG	1
20)	8" SPOOL WITH 3" PORT	8"x8"	FLG x FLG	1
21)	4" SPOOL WITH 2" PORT	4"x4"	FLG x FLG	1
22	LINK-SEAL MODULAR SEALS W/ STAINLESS STEEL HARDWARE (OR APPROVED EQUAL)			
23)	2" DOUBLE STRAP SERVICE CLAMPS PER SPL WW-264	2"		2
24)	3/4" AIR RELEASE VALVE PER COA SPL WW-462A	3/4"		2
(25)	3/4" BALL VALVE PER COA SPL- 275	3/4"		4

APR 0 30 2018 Austin Water Utility

PRESSURE REDUCING VALVE STATION INFORMATION AT GLENLAKE DRIVE

UPSTR (HIGH PRE		DOWNSTR (LOW PRES		FIREFLOW		UPSTREAM (HIGH	DOWNSTREAM (LOW PRESSURE)		
ZONE	HGL	ZONE	HGL	Q(MIN.)	Q(MAX.)	Q(MAX.)	PRÉSSURE)	4" PRV	8" PRV
RIVER PLACE 5	1110'	GLENLAKE 2 REDUCED	1010'	100	1480	3000	74 PSI	31 PSI	23 PSI

REVISION DESCRIPTION										
DATE										
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SIGNATURE OF TEST OF THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY

I CERTIFY THAT THESE DRAWINGS ARE COMPLETE, ACCURATE AND ADEQUATE FOR THEIR INTENDED PURPOSES, INCLUDING CONSTRUCTION, BUT ARE NOT AUTHORIZED FOR CONSTRUCTION UNTIL FORMAL CITY APPROVAL

> 1 2 OF 2

> > PROPOSED PRV DETAILS - SHEET

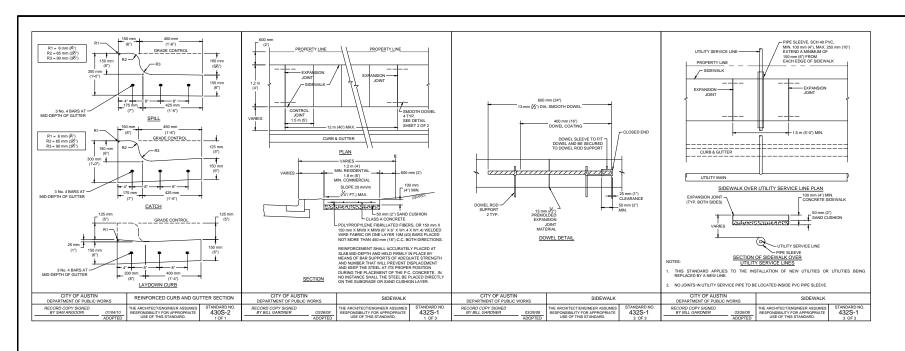
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DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICES DIVISION
GLENLAKE PUMP STATION
BYPASS IMPROVEMENTS

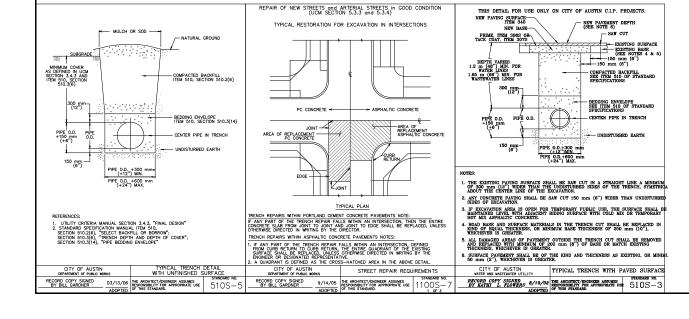
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REVIEWED APR 0 3 2018

Seore Carr

Austin Water Utility

CITY OF AUSTIN, TEXAS DEPARTMENT OF PUBLIC WORKS ENGINEERING SERVICES DIVISION GLENLAKE PUMP STATION BYPASS IMPROVEMENTS

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STANDARD DETAILS

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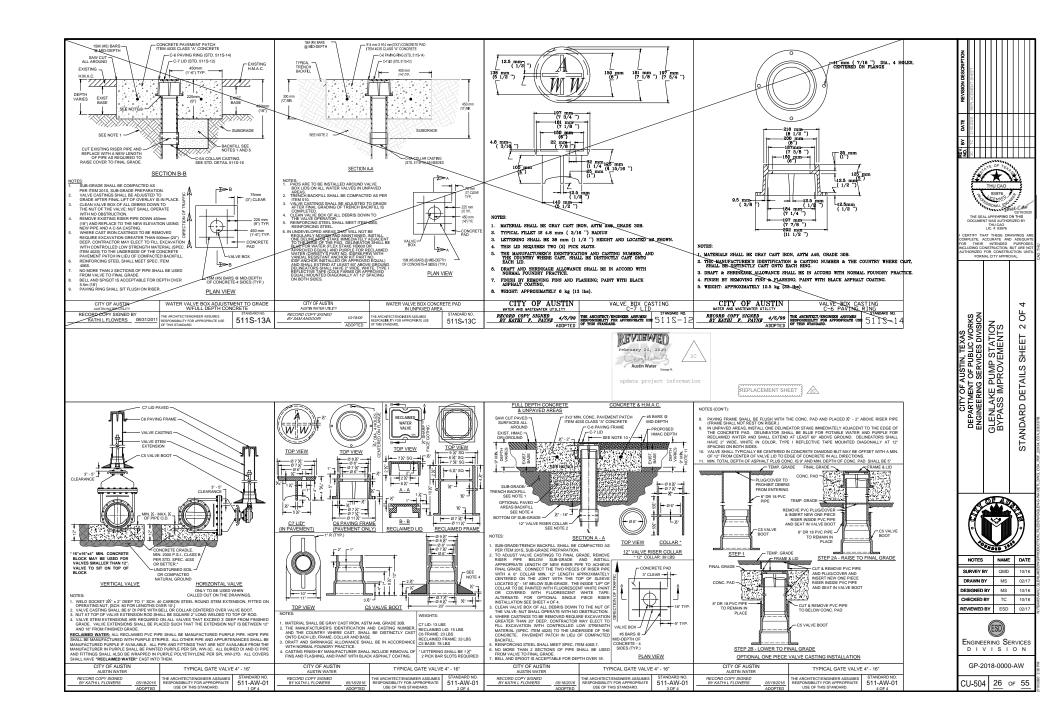
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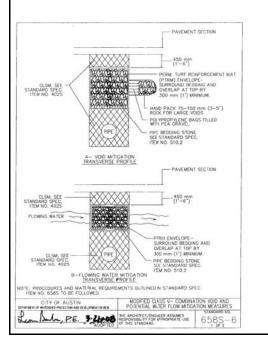


ENGINEERING SERVICES DIVISION

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3 OF. STANDARD DETAILS SHEET